

# RESIDENTIAL SUBDIVISION

## CULLIEN WOODS

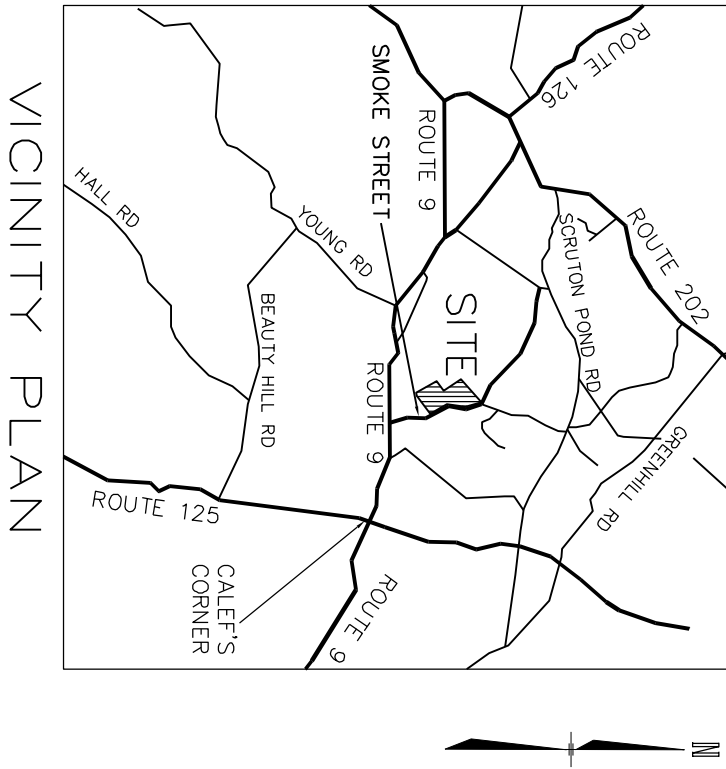
### TAX MAP 224 LOT 1

### SMOKE STREET

### BARRINGTON, NH 03825

#### LIST OF DRAWINGS

SHEET NO.	DESCRIPTION
1 OF 14	COVER SHEET
2 OF 14	EXISTING CONDITIONS PLAN (1"=100')
3 OF 14	OVERALL BOUNDARY PLAN (1"=100')
4 OF 14	BOUNDARY PLAN (1"=60')
5 OF 14	BOUNDARY PLAN (1"=60')
6 OF 14	BOUNDARY PLAN (1"=60')
7 OF 14	EASEMENT PLAN
8 OF 14	OVERALL PROPOSED CONDITIONS PLAN (1"=100')
9 OF 14	PROPOSED CONDITIONS PLAN (1"=60')
10 OF 14	PROPOSED CONDITIONS PLAN (1"=60')
11 OF 14	PROPOSED CONDITIONS PLAN (1"=60')
12 OF 14	TEST PIT LOGS
13 OF 14	EROSION CONTROL DETAILS
14 OF 14	CISTERN DETAILS

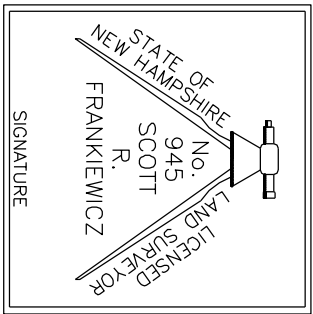


#### PROFESSIONAL CONSULTANTS LIST

**ENGINEER:**  
BROWN ENGINEERING & SURVEYING, LLC  
KENT L. BROWN, P.E.  
683C FIRST NH TURNPIKE  
NORTHWOOD, NH 03261

**SURVEYOR:**  
BROWN ENGINEERING & SURVEYING, LLC  
SCOTT R. FRANKIEWICZ, LLS  
683C FIRST NH TURNPIKE  
NORTHWOOD, NH 03261

**WETLAND SCIENTIST:**  
SCHAUER ENVIRONMENTAL, INC  
PETER SCHAUER  
722 ROUTE 3A, UNIT 1  
BOW, NH 03304



**OWNER:**  
W. PAUL CULLEN  
P.O. BOX 2044  
SOUTH PADRE ISLAND, TX 78597  
BOOK 3781 PAGE 495

#### APPLICANT:

TUCK REALTY CORP.  
34 RAEDER DRIVE  
STRATHAM, NH 03885

**AGENCY APPROVALS**  
NHDES SUBDIVISION : ENDING DATE:

**INITIAL PLAN SET SUBMISSION DATE**  
**JULY 16, 2014**  
Latest revision date:  
AUGUST 21, 2014

–	–	–	–
2	8-21-2014	REVISIONS PER TOWN REVIEW	SRF
1	7-22-2014	REVISIONS PER REVIEW	SRF
NO.	DATE	DESCRIPTION	BY

CONTACT DIG SAFE 72 HOURS  
PRIOR TO CONSTRUCTION



#### NOTE:

ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON REGULATIONS AND THE NEW HAMPSHIRE CONSTRUCTION STANDARDS. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION - LATEST EDITION.

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. BROWN ENGINEERING AND SURVEYING, LLC MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE USER ASSUMES ALL RESPONSIBILITY OF VERIFYING ANY UTILITIES WHETHER THE RESPONSIBILITY OF BELOW GROUND. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-800-DIG-SAFE (1-800-344-7235).

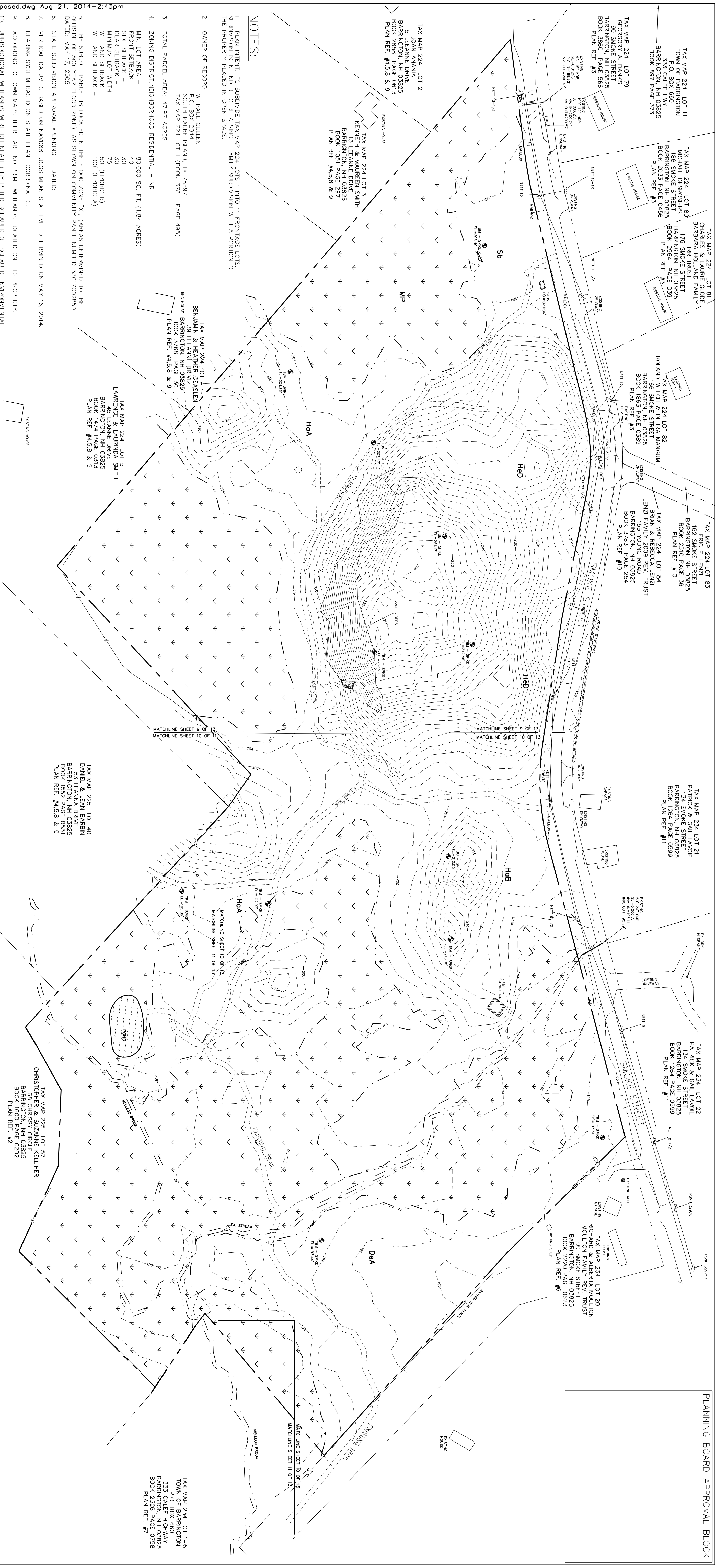
PREPARED BY

OWNERS SIGNATURE

DATE

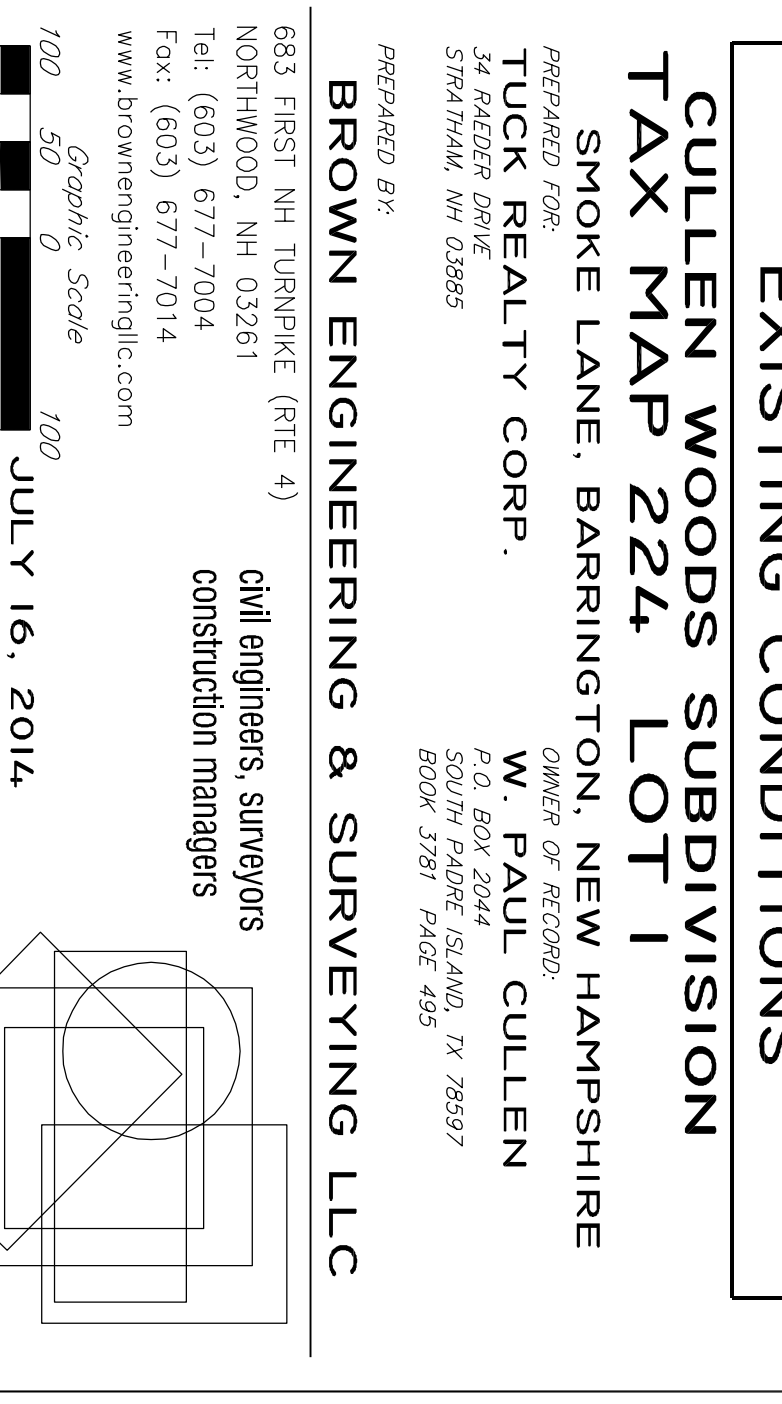
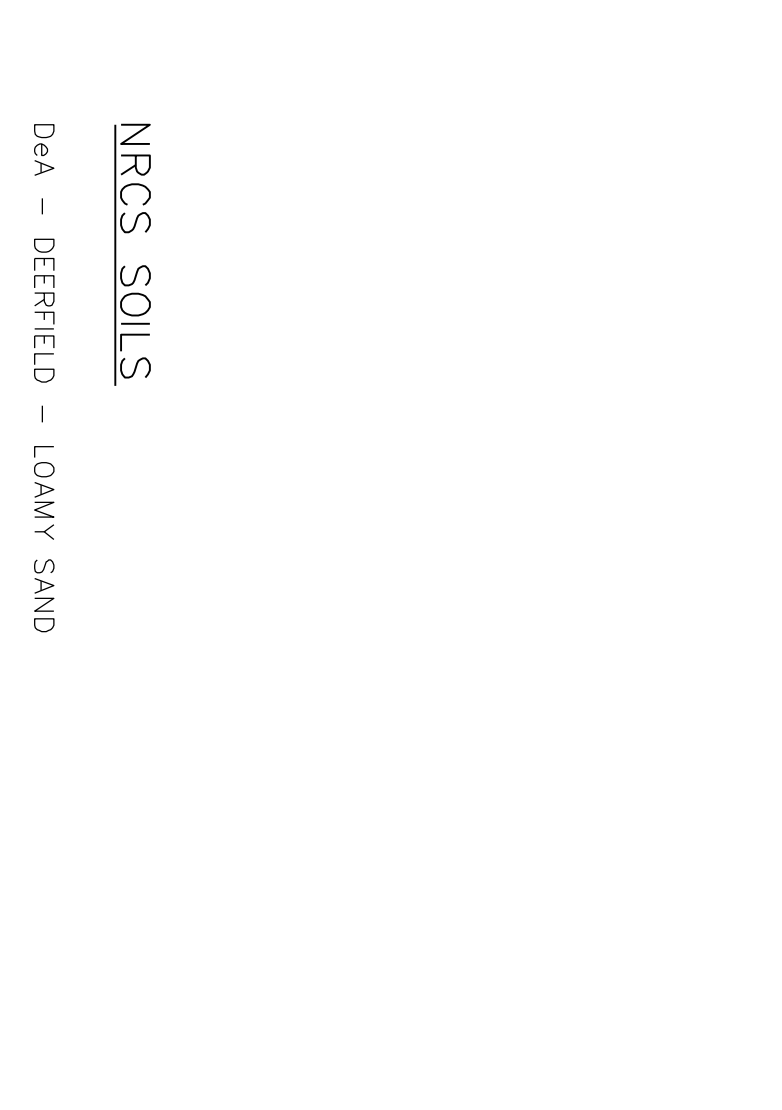
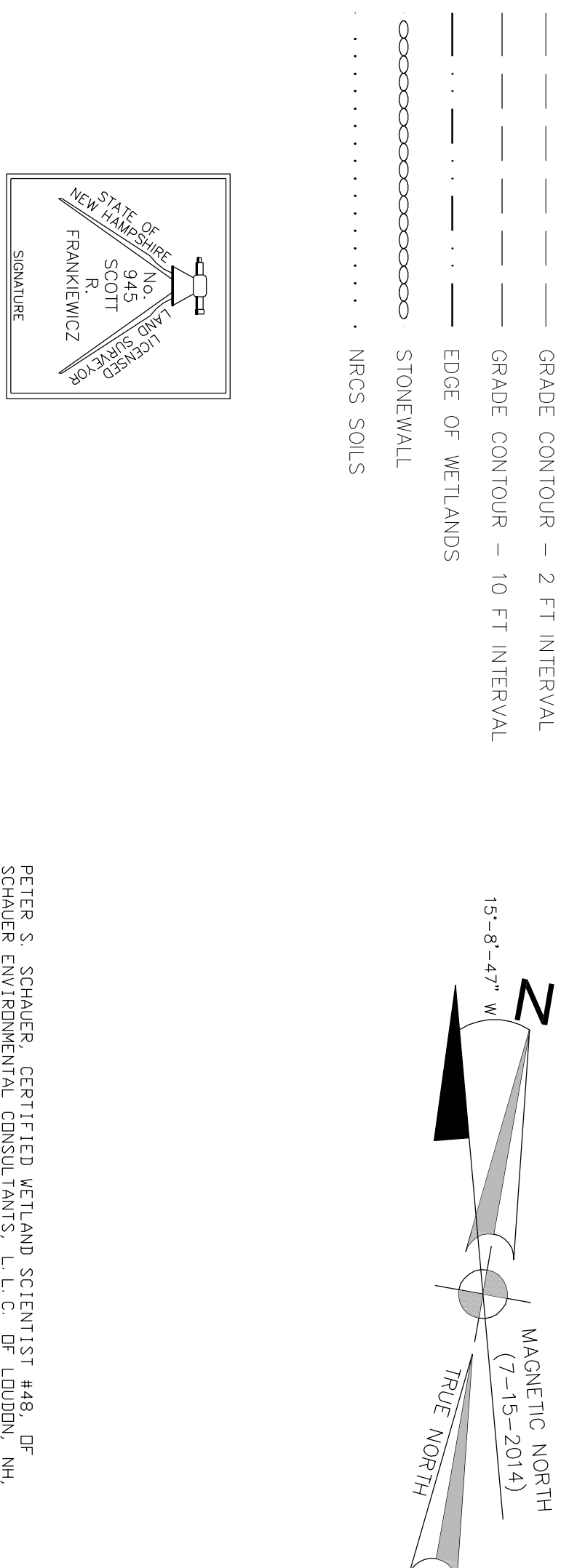
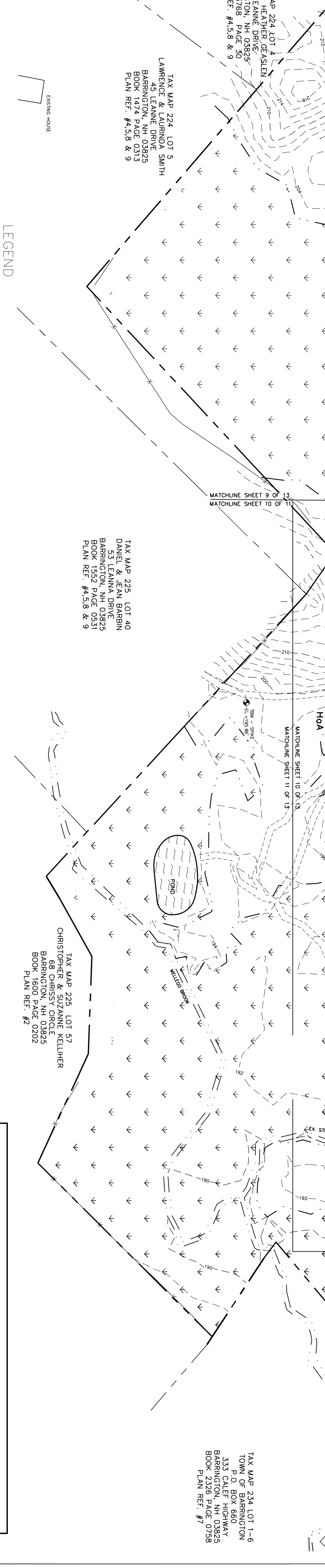
**BROWN**  
ENGINEERING/SURVEYING

civil engineers, surveyors  
construction managers  
683C FIRST NH TURNPIKE NORTHWOOD, NEW HAMPSHIRE 03261  
Tel: (603) 677-7004 Fax: (603) 677-7014

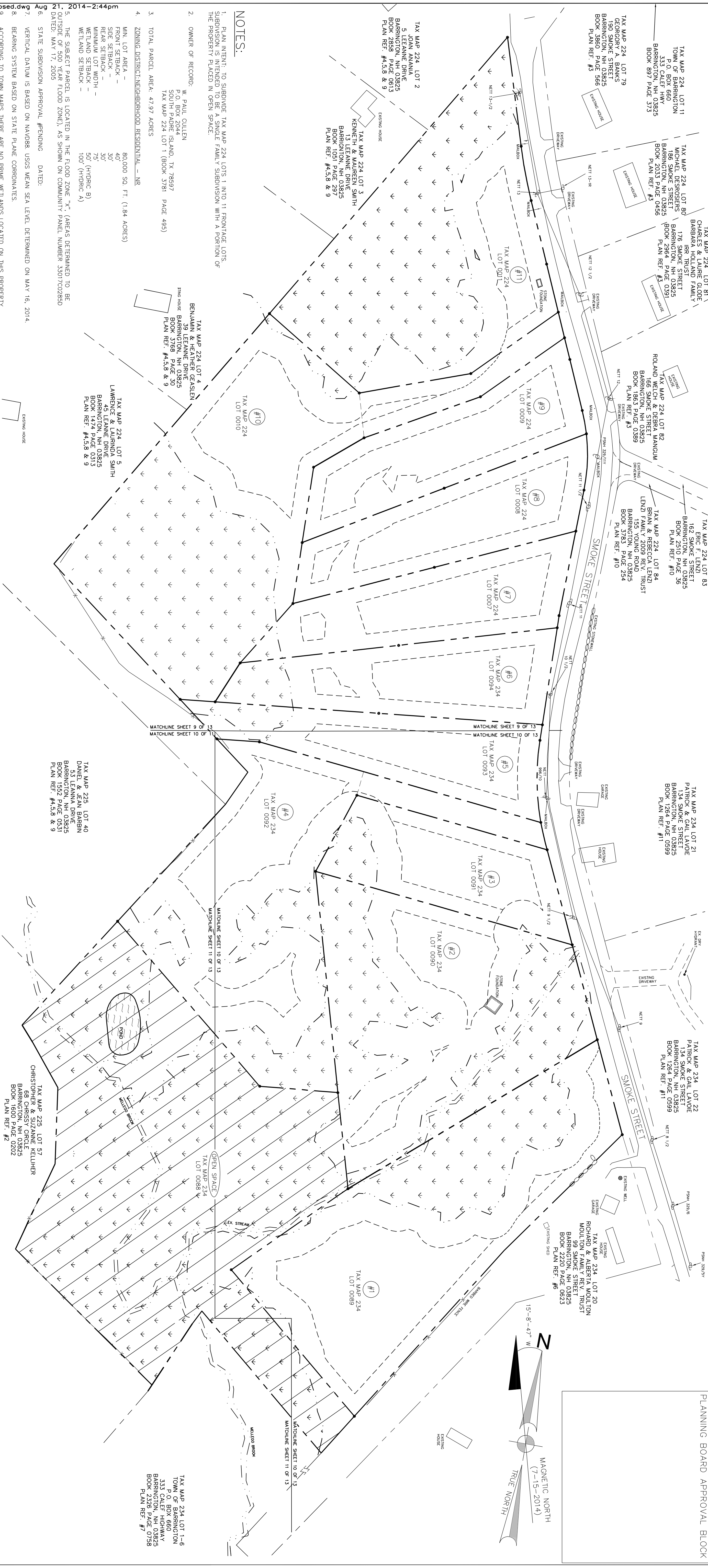


NOTES:

1. PLAN INTENT: TO SUBDIVIDE TAX MAP 224 LOTS 1 INTO 11 FRONTAGE LOTS. SUBDIVISION IS INTENDED TO BE A SINGLE FAMILY SUBDIVISION WITH A PORTION OF THE PROPERTY PLACED IN OPEN SPACE.
2. OWNER OF RECORD:  
P.O. BOX 560  
TOWN OF BARRINGTON, NH 03825  
TAX MAP 224 LOT 1 (BOOK 3781 PAGE 495)
3. TOTAL PARCEL AREA: 47.97 ACRES
4. ZONING DISTRICT: NEIGHBORHOOD, RESIDENTIAL, — NR
5. THE SUBJECT PARCEL IS LOCATED IN THE FLOOD ZONE "X", (AREAS DETERMINED TO BE OUTSIDE OF 500 YEAR FLOOD ZONE), AS SHOWN ON COMMUNITY PANEL NUMBER 33017002850 DATED: MAY 17, 2005.
6. STATE SUBDIVISION APPROVAL, #PENDING DATED:
7. VERTICAL DATUM IS BASED ON NAVD88, USGS MEAN SEA LEVEL DETERMINED ON MAY 16, 2014.
8. BEARING SYSTEM BASED ON STATE PLANE COORDINATES.
9. ACCORDING TO TOWN MAPS THERE ARE NO PRIME WETLANDS LOCATED ON THIS PROPERTY.
10. JURISDICTIONAL WETLANDS WERE DELINEATED BY PETER SCHAUER OF SCHAUER ENVIRONMENTAL, INC. DURING 5-2014.
11. DRIVEWAY CULVERTS TO A MINIMUM OF 15" DIAMETER AND 30' LONG.
12. A WADWAY HAS BEEN REQUESTED TO ALLOW OVERHEAD UTILITIES.
13. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
14. REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE. AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT EROSION CONTROL MEASURES ARE NOT BEING MAINTAINED, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION NO EXPENSE TO THE TOWN.
15. SHEETS 3,4,5,6 OF 13 SHALL BE RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS.
16. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
17. FIRE PROTECTION TO BE PROVIDED BY A 10,000 GALLON CISTERN LOCATED IN FRONT OF LOT 6 AND AN EXISTING 20,000 GALLON CISTERN IS LOCATED AT TRANSFER STATION.
18. LOTS #3,5,6,7,8 & 9 REQUIRE NHDES STATE SUBDIVISION APPROVAL. LOTS #1,2,4,10 & 11 DO NOT REQUIRE NHDES APPROVAL (OVER 5 ACRES)
19. ALL PROPOSED HOUSE AND DRIVEWAY LOCATIONS SHALL BE CONSIDERED SCHEMATIC ONLY. THE TOWN OF BARRINGTON HAS A MINIMUM OF 1000 SIGN DISTANCE AND DIRECTIONS DRIVEWAY SLOPE NOT TO EXCEED 10%. ALL DRIVEWAYS TO BE BUILT IN ACCORDANCE WITH ARTICLE 15.3.2 OF THE SUBDIVISION REGULATIONS. FINAL LOCATIONS TO BE APPROVED BY THE ROAD AGENT.
20. DRIVEWAYS FOR LOTS 1,4 & 10 TO PROVIDE A TURN OUT (IF NECESSARY) AS DETERMINED BY THE FIRE DEPARTMENT.
21. A SPECIAL EXCEPTION WAS GRANTED ON AUGUST 20, 2014 BY THE BARRINGTON ZONING BOARD PER ARTICLE 12.4 OF THE SPECIAL EXCEPTION ALLOWING THE ROADS TO LOT #2 TO BE A DRIVEWAY LOCATED ALONG THE FRONTAGE OF LOT #3.





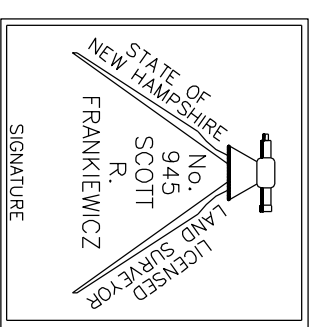


NOTES:

1. PLAN INTENT: TO SUBDIVIDE TAX MAP 224 LOTS 1 INTO 11 FRONTAGE LOTS. SUBDIVISION IS INTENDED TO BE A SINGLE FAMILY SUBDIVISION WITH A PORTION OF THE PROPERTY PLACED IN OPEN SPACE.
2. OWNER OF RECORD: W. PAUL CULLEN, P.O. BOX 2004, SOUTH PADRE ISLAND, TX 78597, TAX MAP 224 LOT 1 (BOOK 3781 PAGE 495)
3. TOTAL PARCEL AREA: 47.97 ACRES
4. ZONING DISTRICT: NEIGHBORHOOD, RESIDENTIAL - NR
5. THE SUBJECT PARCEL IS LOCATED IN THE FLOOD ZONE "X", (AREAS DETERMINED TO BE OUTSIDE OF 500 YEAR FLOOD ZONE), AS SHOWN ON COMMUNITY PANEL NUMBER 3307702850 DATED: MAY 17, 2005
6. STATE SUBDIVISION APPROVAL #PENDING DATED:
7. VERTICAL DATUM IS BASED ON NAVD88 USGS MEAN SEA LEVEL DETERMINED ON MAY 16, 2014.
8. BEARING SYSTEM BASED ON STATE PLANE COORDINATES.
9. ACCORDING TO TOWN MAPS THERE ARE NO PRIME WETLANDS LOCATED ON THIS PROPERTY.
10. JURISDICTIONAL WETLANDS WERE DELINEATED BY PETER SCHAUER OF SCHAUER ENVIRONMENTAL, INC. DURING 5-2014.
11. DRIVEWAY CULVERTS TO A MINIMUM OF 15" DIAMETER AND 30' LONG.
12. A WAIVER HAS BEEN REQUESTED TO ALLOW OVERHEAD UTILITIES.
13. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
14. REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT THE EROSION CONTROL MEASURES ARE INADEQUATE TO PREVENT EROSION, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION NO EXPENSE TO THE TOWN.
15. SHEETS 3,4,5,6 OF 13 SHALL BE RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS.
16. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
17. FIRE PROTECTION TO BE PROVIDED BY A 10,000 GALLON CISTERN LOCATED IN FRONT OF LOT 6 AND AN EXISTING 20,000 GALLON CISTERN IS LOCATED AT TRANSFER STATION.
18. LOTS #3,5,6,7,8 & 9 REQUIRE NHDES STATE SUBDIVISION APPROVAL. LOTS #1,2,4,10 & 11 DO NOT REQUIRE NHDES APPROVAL (OVER 5 ACRES)
19. ALL PROPOSED HOUSE AND DRIVEWAY LOCATIONS SHALL BE CONSIDERED SPONTANEOUSLY, UNLESS SHOWN OTHERWISE. A MINIMUM OF 300' SIGHT DISTANCE REQUIREMENTS SHALL BE MAINTAINED THROUGHOUT THE DRIVEWAY SLOPE NOT TO EXCEED 10%. ALL DRIVEWAYS TO BE BUILT IN ACCORDANCE WITH ARTICLE 15.3.2 OF THE SUBDIVISION REGULATIONS. FINAL LOCATIONS TO BE APPROVED BY THE TOWN OF BARRINGTON.
20. DRIVEWAYS FOR LOTS 1,4 & 10 TO PROVIDE A TURN OUT (IF NECESSARY) AS DETERMINED BY THE FIRE DEPARTMENT.
21. A SPECIAL EXCEPTION WAS GRANTED ON AUGUST 20, 2014 BY THE BARRINGTON ZONING BOARD FOR ARTICLE 15.2.1.2. THEREAFTER, THE SPECIAL EXCEPTION ALLOWS THE ADDRESS TO LOT #2 TO BE A

LEGEND

- EDGE OF WETLANDS
- PROPOSED GRANITE BOUND
- PROPOSED REBAR
- PROPOSED BUILDING SETBACK LINE
- PROPOSED SEPTIC SETBACK LINE
- STONEWALL



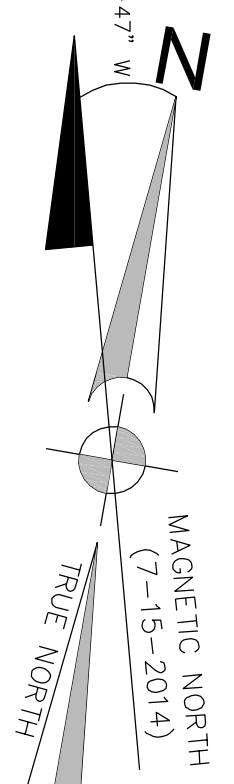
SCOTT R. FRANKIEWICZ, L.L.S. DATE:

PLAN REFERENCES

1. PLAN NOT RECORDED, "A" PLAN OF W. PAUL CULLEN LAND, BARRINGTON, NH", SCALE 1"=200', PREPARED BY F.E. DREW, R.L.S., DATED: DEC. 1972.
2. S.C.R.D. PLAN #40-84/85, "LOT CONSOLIDATION AND SUBDIVISION PLAN ON LAND OWNED BY DAVID W. DESALL AND SAMUEL A. COFFY AND UNDER CONTRACT TO CHRISTOPHER L. KELLNER, SUZANNE L. KELLNER AND PETER DEMASS, BARRINGTON, NH", PREPARED BY FREDERICK E. DREW ASSOCIATES, DATED: FEB. 1992, SCALE 1"=100', 2 SHEETS.
3. S.C.R.D. PLAN #26-109, "SUBDIVISION OF LAND FOR DOUGLAS CAMPBELL IN BARRINGTON, NH", SCALE 1"=100', DATED: OCTOBER 22, 1986, PREPARED BY BRUCE PROPER LAND SURVEYOR, DOWER, NH.
4. S.C.R.D. PLAN #234-47, "PLAN OF LAND MARVIN I. SMITH, BARRINGTON, NH", SCALE: 1"=200', DATED: APRIL 1991, PREPARED BY: FREDERICK E. DREW ASSOCIATES, RANDY OWNS.
5. S.C.R.D. PLAN #21-12, "SUBDIVISION PLAN, MARVIN I. SMITH, BARRINGTON, NH", SCALE: 1"=100', DATED: NOV. 1979, PREPARED BY FREDERICK E. DREW ASSOCIATES.
6. S.C.R.D. PLAN #48-53, "PLAN OF LAND FOR RICHARD AND ALBERTA MOUTON, 45 SMOKE STREET, BARRINGTON, NEW HAMPSHIRE", SCALE: 1"=40', DATED: NOVEMBER 1996, PREPARED BY: K.E.W. LAND SURVEYS, INC.
7. S.C.R.D. #104-087, "SUBDIVISION PLAT, MAP 224 LOT 1, ROUTE 9, BARRINGTON, NH 03825", SCALE: 1"=50', DATED: 1-11-13, PREPARED BY JONES AND BECH ENGINEERS, INC.
8. S.C.R.D. #21-12, "SUBDIVISION PLAN, MARVIN I. SMITH, BARRINGTON, NH", SCALE: 1"=100', DATED: NOV. 1979, PREPARED BY: FREDERICK E. DREW ASSOCIATES, INC.
9. S.C.R.D. #244-161, "PRESUBDIVISION OF LOT 6, MARVIN I. SMITH, BARRINGTON, NH", SCALE: 1"=100', DATED: AUG 1984, PREPARED BY: FEDERICK E. DREW ASSOCIATES.
10. S.C.R.D. #64-96, "SUBDIVISION PLAN, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE, PREPARED FOR STEPHEN LENZI, BRIAN LENZI & PATRICK LAVOYE", SCALE: 1"=100', DATED: FEBRUARY 16, 2001, PREPARED BY: DREWS/DREW, LLC.
11. S.C.R.D. #28-74, "REVISED BOUNDARY PLAN, PATRICK P. LAVOYE AND WADRON B. HALEY, BARRINGTON, NH", SCALE: 1"=200', DATED: DEC. 1985, PREPARED BY: FEDERICK E. DREW ASSOCIATES.

PETER S. SCHAUER, CWS DATE:

OWNERS SIGNATURE	DATE
OWNERS SIGNATURE	DATE



OVERALL BOUNDARY PLAN

CULLEN WOODS SUBDIVISION

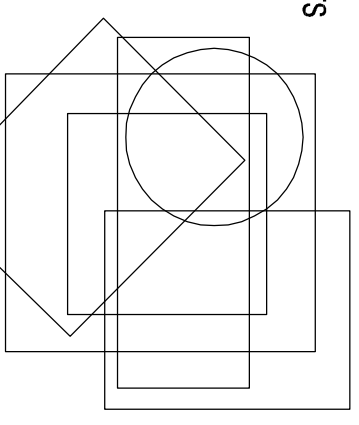
TAX MAP 224 LOT 1

SMOKE STREET, BARRINGTON, NEW HAMPSHIRE

BROWN ENGINEERING & SURVEYING LLC

603 FIRST NH TURNPIKE (RTE 4) NORTHWOOD, NH 03261 Tel: (603) 677-7004 Fax: (603) 677-7014 www.browneengineeringllc.com

Graphic Scale 100 JULY 16, 2014, SCALE: 1" = 100'



REV	DATE	DESCRIPTION	BY
1	7-21-2014	REVISION PER REVIEW	SGR
2	7-23-2014	REVISIONS PER REVIEW	SGR
3	7-23-2014	DESCRIPTION	BY





NOTES:

1. PLAN INTENT: TO SUBDIVIDE TAX MAP 224 LOTS 1 INTO 11 FRONTAGE LOTS. SUBDIVISION IS INTENDED TO BE A SINGLE FAMILY SUBDIVISION WITH A PORTION OF THE PROPERTY PLACED IN OPEN SPACE.
2. OWNER OF RECORD:  
W. PAUL CULLEN  
683 FIRST NH TURNPIKE (RTE 4)  
NORTHWOOD, NH 03261  
TAX MAP 224 LOT 1 (BOOK 3781 PAGE 495)
3. TOTAL PARCEL AREA: 47.97 ACRES
4. ZONING DISTRICT: NEIGHBORHOOD RESIDENTIAL - NR
5. MIN. LOT AREA - 80,000 SQ. FT. (1.84 ACRES)  
FRONT SETBACK - 50'  
SIDE SETBACK - 30'  
REAR SETBACK - 30'  
MINIMUM LOT WIDTH - 75'  
50' (HYDRIC B)  
WETLAND SETBACK - 100' (HYDRIC A)
6. THE SUBJECT PARCEL IS LOCATED IN THE FLOOD ZONE "X" (AREAS DETERMINED TO BE OUTSIDE OF 500 YEAR FLOOD ZONE), AS SHOWN ON COMMUNITY PANEL NUMBER 33017C02850 DATED: MAY 17, 2005.
7. STATE SUBDIVISION APPROVAL #PENDING DATED:  
11. JURISDICTIONAL WETLANDS WERE DELINEATED BY PETER SCHAUER OF SCHAUER ENVIRONMENTAL, INC. DURING 5-2014.
8. BEARING SYSTEM BASED ON STATE PLANE COORDINATES.
9. ACCORDING TO TOWN MAPS THERE ARE NO PRIME WETLANDS LOCATED ON THIS PROPERTY.
10. JURISDICTIONAL WETLANDS WERE DELINEATED BY PETER SCHAUER OF SCHAUER ENVIRONMENTAL, INC. DURING 5-2014.
11. DRIVEWAY CULVERTS TO A MINIMUM OF 15" DIAMETER AND 30' LONG.
12. A WAIVER HAS BEEN REQUESTED TO ALLOW OVERHEAD UTILITIES.
13. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
14. REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT EROSION CONTROL MEASURES ARE NOT BEING MAINTAINED THROUGHOUT CONSTRUCTION, THE TOWN ENGINEER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
15. SHEETS 3,4,5,6 OF 13 SHALL BE RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS.
16. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
17. FIRE PROTECTION TO BE PROVIDED BY A 10,000 GALLON CISTERN LOCATED IN FRONT OF LOT 6 AND AN EXISTING 20,000 GALLON CISTERN IS LOCATED AT TRANSFER STATION.
18. LOTS #3,5,6,7,8 & 9 REQUIRE INDICES STATE SUBDIVISION APPROVAL. LOTS #1,2,4,10 & 11 DO NOT REQUIRE INDICES APPROVAL (OVER 5 ACRES)
19. ALL PROPOSED HOUSE AND DRIVEWAY LOCATIONS SHALL BE CONSIDERED SCHEMATIC ONLY. CONSTRUCTION SHALL BE BASED ON MINIMUM 100' SETBACK IN BOTH DIRECTIONS, DRIVEWAY SLOPE NOT TO EXCEED 10%. ALL DRIVEWAYS TO BE BUILT IN ACCORDANCE WITH ARTICLE 15.3.2 OF THE SUBDIVISION REGULATIONS. FINAL LOCATIONS TO BE APPROVED BY THE ROAD AGENT.
20. DRIVEWAYS FOR LOTS 1,4 & 10 TO PROVIDE A TURN OUT (IF NECESSARY) AS DETERMINED BY THE FIRE DEPARTMENT.
21. A SPECIAL EXCEPTION WAS GRANTED ON AUGUST 20, 2014 BY THE BARRINGTON ZONING BOARD TO ALLOW THE TOWN ENGINEER TO PROVIDE A TURN OUT ALONG THE FRONTAGE OF LOT #2 TO BE A DRIVEWAY LOCATED ALONG THE FRONTAGE OF LOT #3.

PLANNING BOARD APPROVAL BLOCK

BOUNDARY PLAN

CULLEN WOODS SUBDIVISION  
TAX MAP 224 LOT 1  
SMOKE STREET, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR:  
TUCK REALTY CORP.  
OWNER OF RECORD:  
W. PAUL CULLEN  
SOUTH PADRE ISLAND, TX 78597  
BOOK 3781 PAGE 495

PREPARED BY:  
BROWN ENGINEERING & SURVEYING LLC  
683 FIRST NH TURNPIKE (RTE 4)  
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Tel: (603) 677-7004  
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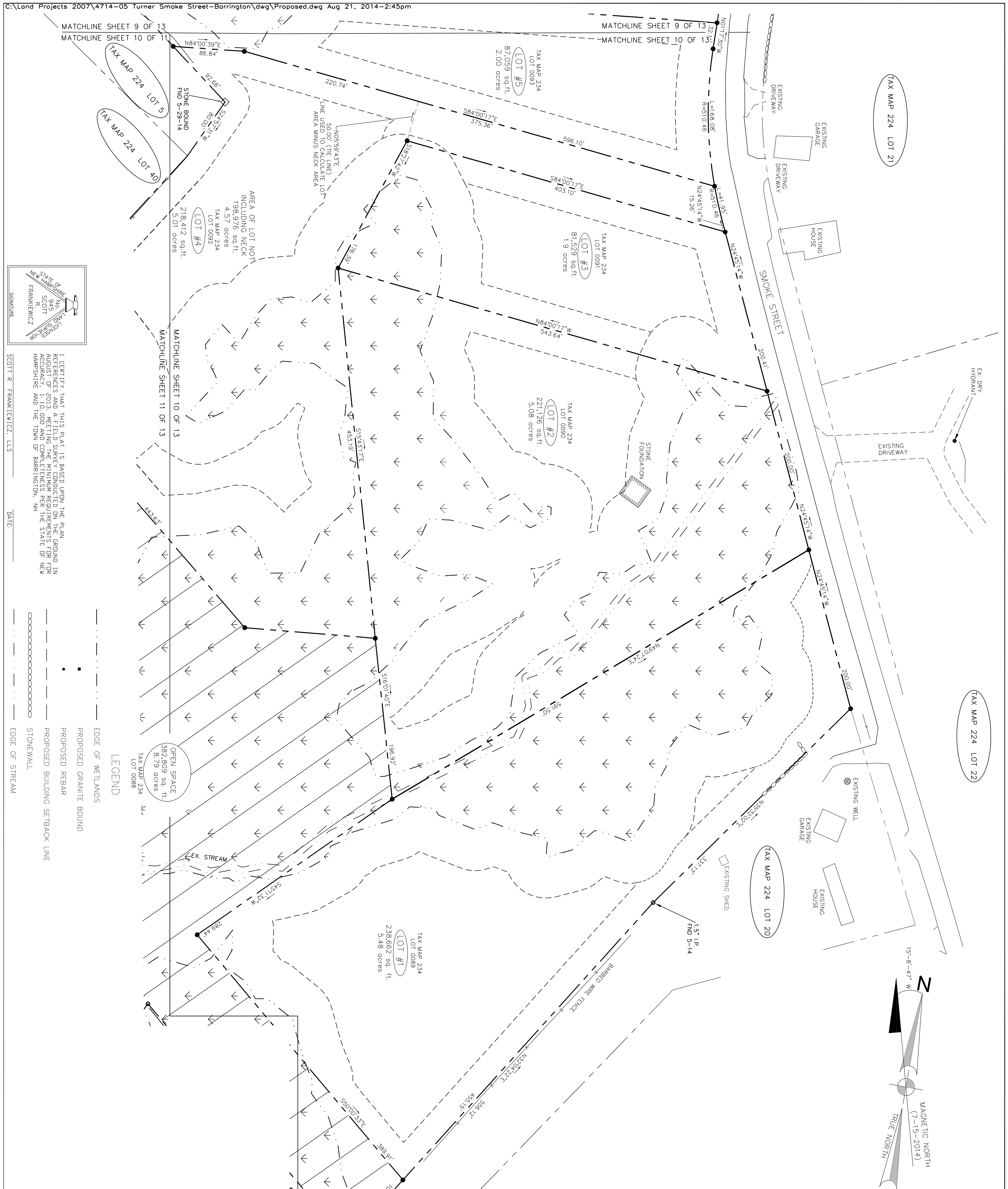
civil engineers, surveyors  
construction managers

Graphic Scale  
60' 30' 0'  
SCALE: 1" = 60'  
JULY 16, 2014.

1	---	---	---
2	8-21-2014	REVISION PER REVIEW	SSE
3	7-23-2014	REVISIONS PER REVIEW	SSE
REV	DATE	DESCRIPTION	BY

JOB NO. 4-714-05  
SHEET 5 OF 14

C:\Land Projects 2007\4714-05 Turner Smoke Street-Barrington\dwg\Proposed.dwg Aug 21, 2014-2:45pm



I CERTIFY THAT THIS PLAN IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED IN THE GROUND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

SCOTT R. FRANKIEWICZ, LLC  
DATE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

LEGEND

EDGE OF WETLANDS

PROPOSED GRANITE BOUND

PROPOSED REBAR

PROPOSED BUILDING SETBACK LINE

PROPOSED SEPTIC SETBACK LINE

STONEM WALL

NEW STATE OF HAMPSHIRE  
NOTARIAL PUBLIC  
945  
SCOTT  
FRANKIEWICZ

LAND AND MARINE  
CONVEYANCE  
FRANKIEWICZ

SIGNATURE

I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN  
REFERENCES AND A FIELD SURVEY CONDUCTED IN THE GROUND IN  
ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF NEW  
HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

SCOTT R. FRANKIEWICZ, L.L.S.

DATE:

The main survey map depicts a large land parcel divided into several lots. Key features include:   
- **Wetlands:** Indicated by wavy line patterns, primarily along the eastern and southern boundaries.   
- **Water Features:** 'MELLEGO BROOK' flows through the central and eastern portions of the property.   
- **Open Space:** A designated area labeled 'OPEN SPACE 382,809 sq. ft. 8.79 acres' is located in the center.   
- **Boundaries:** The map shows various boundary lines with bearings and distances, such as 'N84°00'39"E 86.84'' and 'S32°32'59"W 324.207''.   
- **Matchlines:** The map is divided into sections by matchlines labeled 'MATCHLINE SHEET 9 OF 13', 'MATCHLINE SHEET 10 OF 13', and 'MATCHLINE SHEET 11 OF 13'.   
- **Other Labels:** 'TAX MAP 225 LOT 40', 'TAX MAP 234 LOT 1-6', 'TAX MAP 234 LOT 0088', and 'TAX MAP 234 LOT 20' are shown.   
- **North Arrow:** Located in the upper right, showing 'MAGNETIC NORTH (7-15-2014)' and 'TRUE NORTH'.   
- **Scale:** A graphic scale bar indicates 60 feet.

BOUNDARY PLAN

CULLEN WOODS SUBDIVISION

TAX MAP 224 LOT 1

SMOKE STREET, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR:  
TUCKER DRIVE  
3400 SMOKE STREET  
SOUTH PADRE ISLAND, TX 78597  
STRAITHAM, NY 03885  
BOOK 3781 PAGE 495

OWNER OF RECORD:  
W. PAUL CULLEN

OWNER OF RECORD:  
W. PAUL CULLEN

BROWN ENGINEERING & SURVEYING LLC

683 FIRST NH TURNPIKE (RTE 4)  
NORTHWOOD, NH 03261  
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Fax: (603) 677-7014  
www.browngineeringllc.com

civil engineers, surveyors  
construction managers

PREPARED BY:  
SCOTT R. FRANKIEWICZ, L.L.S.  
945  
SCOTT  
FRANKIEWICZ

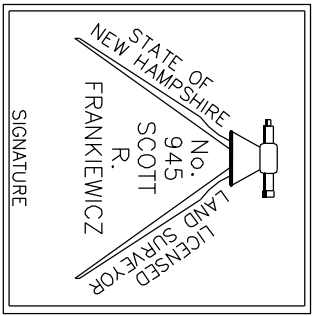
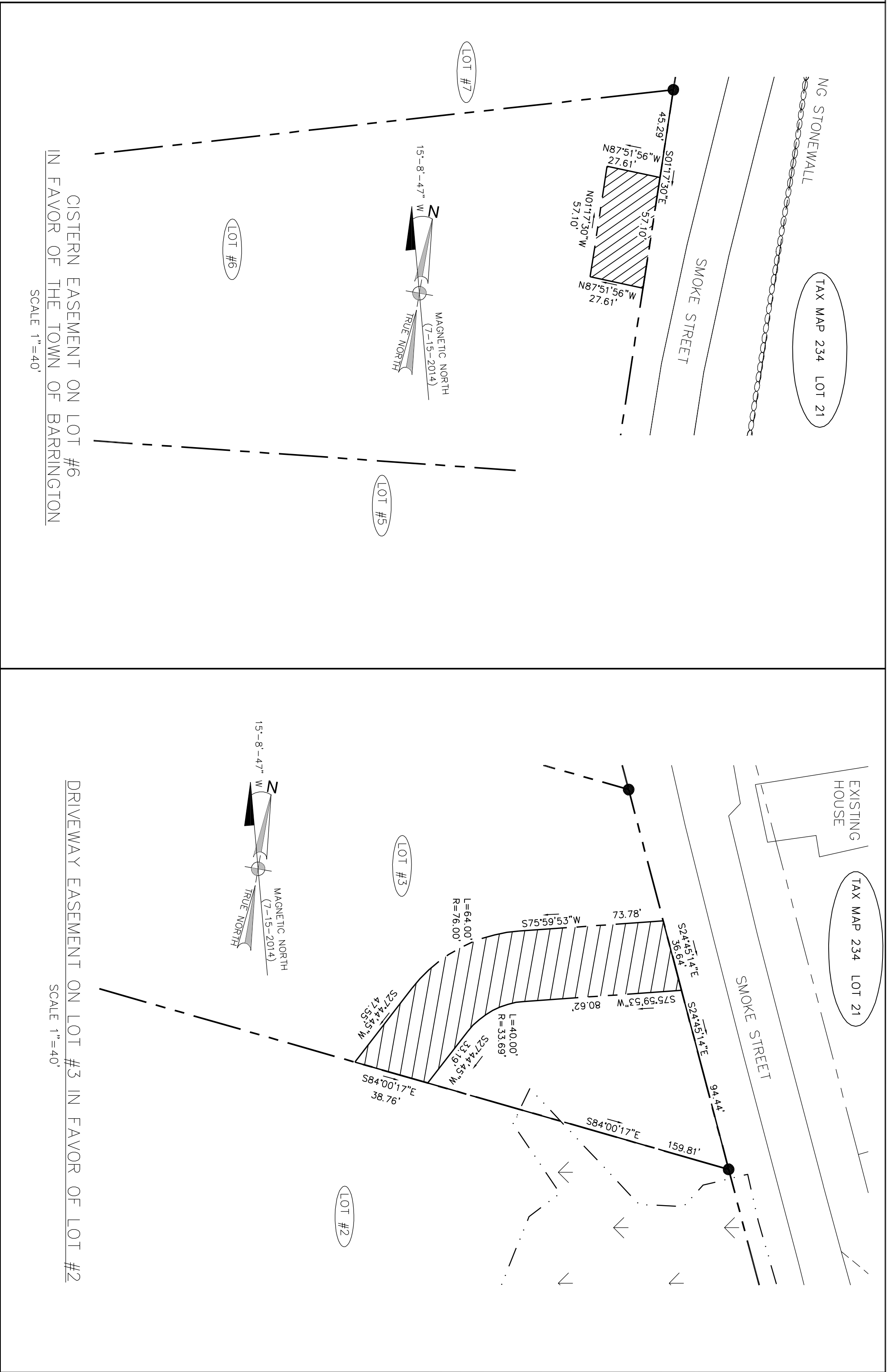
DATE: JULY 16, 2014

SCALE: 1" = 60'

JOB NO. 4714-05  
SHEET 6 OF 14

PLANNING BOARD APPROVAL BLOCK

REV	DATE	DESCRIPTION	BY
1	7-23-2014	REVISIONS PER REVIEW	SRR
2	8-21-2014	REVISIONS PER REVIEW	SRR
3	9-15-2014	REVISIONS PER REVIEW	SRR



I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE BOARD OF SURVEYING AND MAPPING, STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

SCOTT R. FRANKIEWICZ, LLS DATE:

EASEMENT PLAN

CULLEN WOODS SUBDIVISION

TAX MAP 224 LOT 1

SMOKE STREET, BARRINGTON, NEW HAMPSHIRE

TUCK REALTY CORP.

OWNER OF RECORD:

W. PAUL CULLEN

3 WHEEL DRIVE

SOUTH POKE ISLAND, TX 78597

STRAITHAM, NH 03885

BOOK 3781 PAGE 499

PREPARED BY:

BROWN ENGINEERING & SURVEYING LLC

683 FIRST NH TURNPIKE (RTE 4)

NORTHWOOD, NH 03261

Tel: (603) 677-7004

Fax: (603) 677-7014

www.browngineeringllc.com

civil engineers, surveyors

construction managers

SCALE: 1" = 100'

GRAPHIC SCALE

100 50 0 100

JULY 16, 2014

1	—	—	—
2	8-21-2014	REVISION PER REVIEW	SSE
1	7-23-2014	REVISIONS PER REVIEW	SSE
REV	DATE	DESCRIPTION	BY

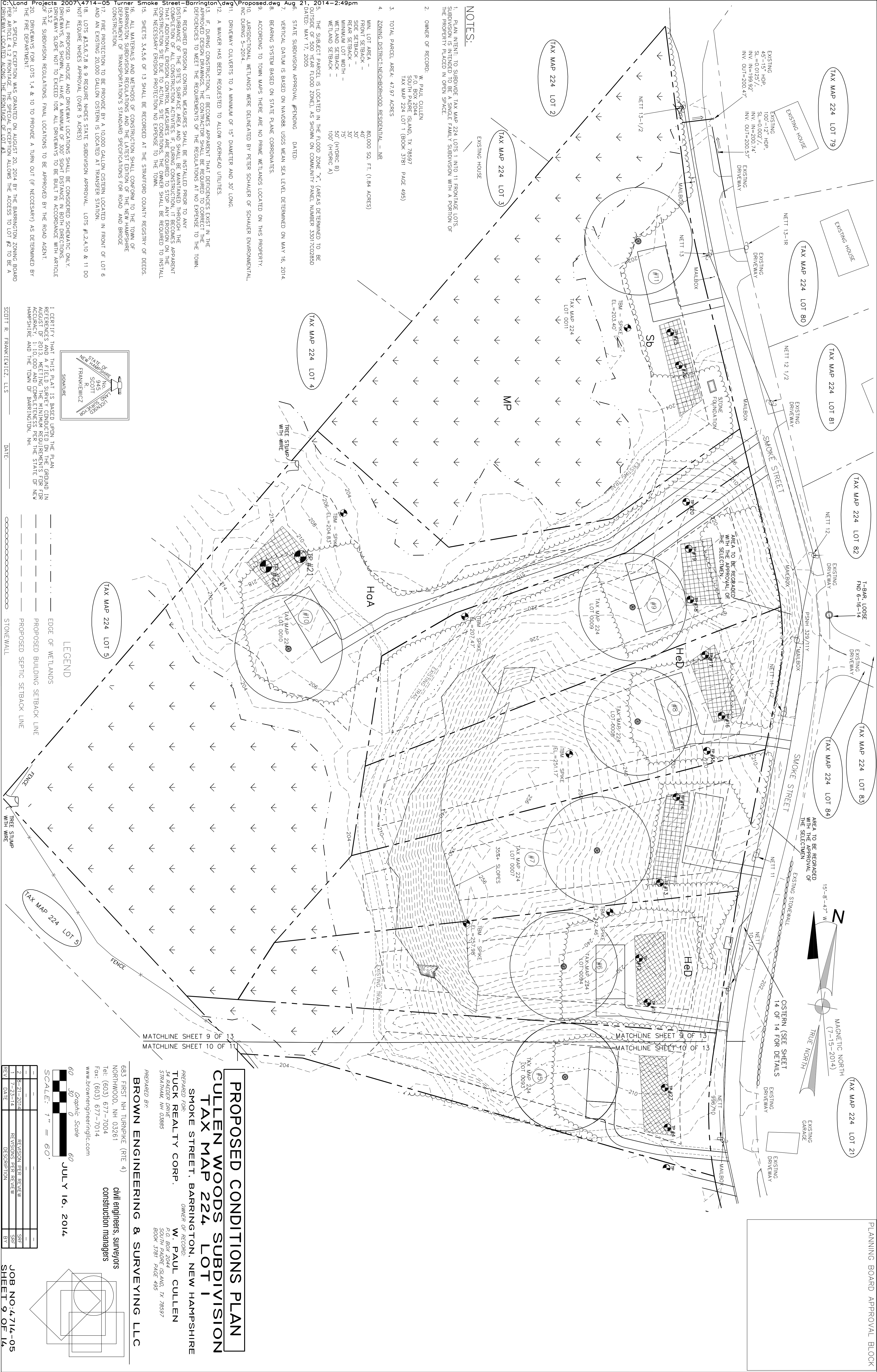
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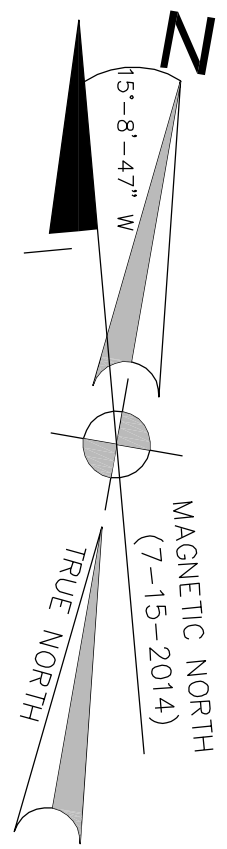
SHEET 7 OF 14











TAX MAP 224 LOT 21

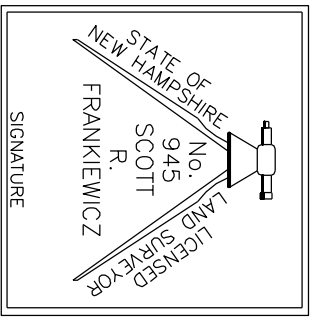
TAX MAP 224 LOT 22

TAX MAP 224 LOT 20

- NOTES:
1. PLAN INTENT TO SUBDIVIDE TAX MAP 224 LOTS 1 INTO 11 FRONTAGE LOTS. SUBDIVISION INTENTED FOR FAMILY SUBDIVISION WITH A PORTION OF THE PROPERTY PLACED IN OPEN SPACE.
  2. OWNER OF RECORD:  
W. PAUL CULLEN  
P.O. BOX 20444  
SOUTH PADRE ISLAND, TX 78597  
TAX MAP 224 LOT 1 (BOOK 3781 PAGE 495)
  3. TOTAL PARCEL AREA: 47.97 ACRES
  4. ZONING: DISTRICT 1 (R) RESIDENTIAL - NR  
MIN. LOT AREA - 80,000 SQ. FT. (1.84 ACRES)  
FRONT SETBACK - 40'  
SIDE SETBACK - 30'  
REAR SETBACK - 30'  
MINIMUM LOT WIDTH - 50' (HYDRIC B)  
MINIMUM SETBACK - 50' (HYDRIC A)  
WETLAND SETBACK - 100' (HYDRIC A)
  5. THE SUBJECT PARCEL IS LOCATED IN THE FLOOD ZONE "X" (AREAS DETERMINED TO BE OUTSIDE OF 500 YEAR FLOOD ZONE). AS SHOWN ON COMMUNITY PANEL NUMBER 33017002850 DATED: MAY 17, 2005
  6. STATE SUBDIVISION APPROVAL #PENDING DATED:
  7. VERTICAL DATUM IS BASED ON NAVD88, USGS MEAN SEA LEVEL DETERMINED ON MAY 16, 2014
  8. BEARING SYSTEM BASED ON STATE PLANE COORDINATES.
  9. ACCORDING TO TOWN MAPS THERE ARE NO PRIME WETLANDS LOCATED ON THIS PROPERTY.
  10. JURISDICTIONAL WETLANDS WERE DELINEATED BY PETER SCHAUER OF SCHAUER ENVIRONMENTAL INC DURING 5-2014.
  11. DRIVEWAY CULVERTS TO A MINIMUM OF 15" DIAMETER AND 30' LONG.
  12. A WAIVER HAS BEEN REQUESTED TO ALLOW OVERHEAD UTILITIES.
  13. IF DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN, THE DESIGNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
  14. REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES AND MAINTAINED THROUGHOUT CONSTRUCTION. THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND DURING CONSTRUCTION IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION NO EXPENSE TO THE TOWN.
  15. SHEETS 3,4,5,6 OF 13 SHALL BE RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS.
  16. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  17. FIRE PROTECTION TO BE PROVIDED BY A 10,000 GALLON CISTERN LOCATED IN FRONT OF LOT 6 AND AN EXISTING 20,000 GALLON CISTERN IS LOCATED AT TRANSFER STATION.
  18. LOTS #3,5,6,7,8 & 9 REQUIRE NHDES STATE SUBDIVISION APPROVAL. LOTS #1,2,4,10 & 11 DO NOT REQUIRE NHDES APPROVAL (OVER 5 ACRES)
  19. ALL PROPOSED HOUSE AND DRIVEWAY LOCATIONS SHALL BE CONSIDERED SCHEMATIC ONLY. DRIVEWAYS, AS SHOWN, ALL HAVE A MINIMUM OF 300' SIGHT DISTANCE IN BOTH DIRECTIONS. DRIVEWAY SLOPE NOT TO EXCEED 10%. ALL DRIVEWAYS TO BE BUILT IN ACCORDANCE WITH ARTICLE 15.3.2 OF THE SUBDIVISION REGULATIONS. FINAL LOCATIONS TO BE APPROVED BY THE ROAD AGENT.
  20. DRIVEWAYS FOR LOTS 1,4 & 10 TO PROVIDE A TURN OUT (IF NECESSARY) AS DETERMINED BY THE FIRE DEPARTMENT.
  21. A SPECIAL EXCEPTION WAS GRANTED ON AUGUST 20, 2014 BY THE BARRINGTON ZONING BOARD PER ARTICLE 4.1.2 FRONTAGE. THE SPECIAL EXCEPTION ALLOWS THE ACCESS TO LOT #2 TO BE A DRIVEWAY LOCATED ALONG THE FRONTAGE OF LOT #3.

LEGEND

- EDGE OF WETLANDS
- PROPOSED BUILDING SETBACK LINE
- PROPOSED SEPTIC SETBACK LINE
- STONEWALL



I CERTIFY THAT THIS PLAN IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED IN THE GROUND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW HAMPSHIRE REVENUE AND TAX ADMINISTRATION ACT, CHAPTER 110:000 AND COMPLETNESS PER THE STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

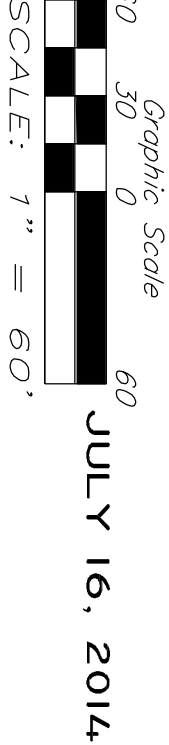
SCOTT R. FRANKIEWICZ, L.L.S. DATE:

PROPOSED CONDITIONS PLAN  
CULLEN WOODS SUBDIVISION  
TAX MAP 224 LOT 1

PREPARED FOR:  
TUCK REALTY CORP.  
OWNER OF RECORD:  
W. PAUL CULLEN  
SOUTH PADRE ISLAND, TX 78597  
BOOK 3781 PAGE 495

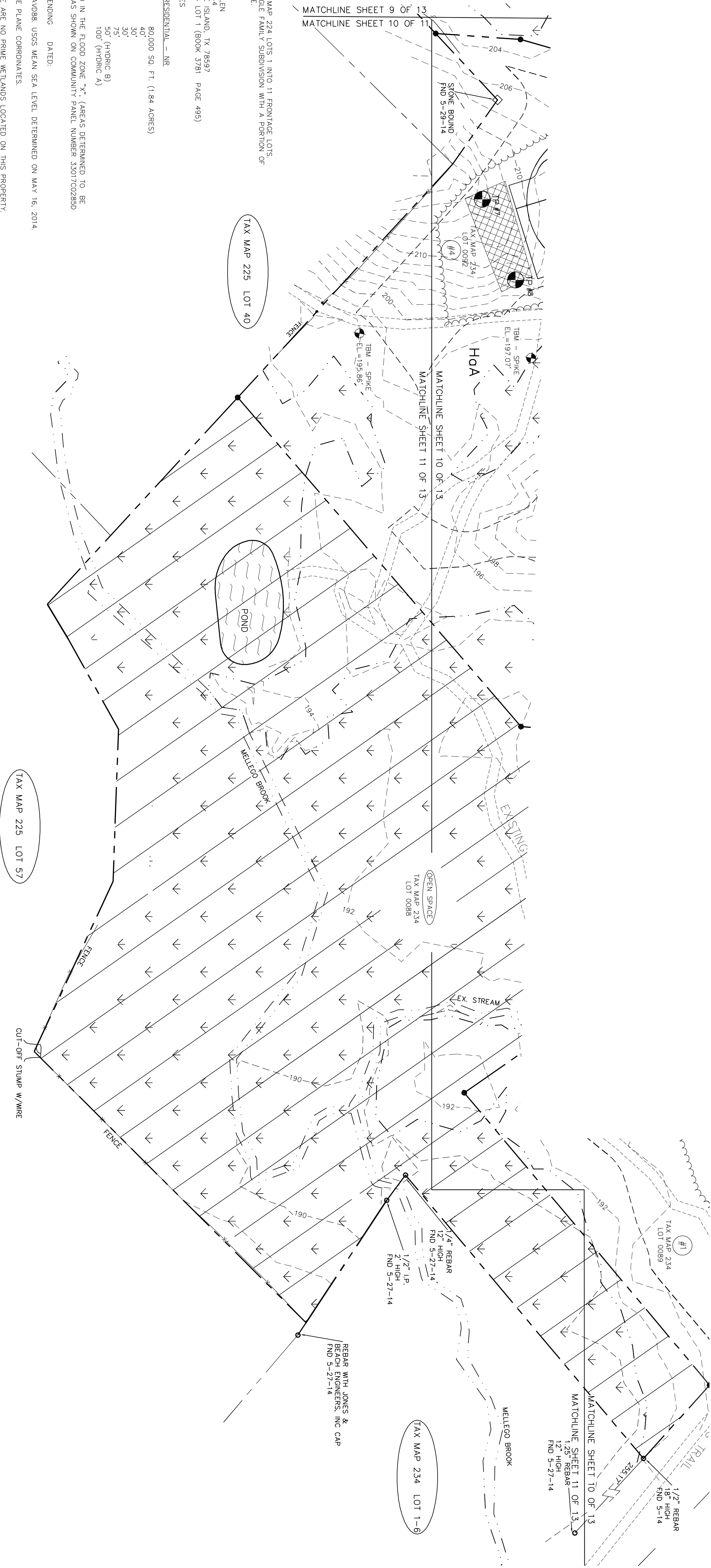
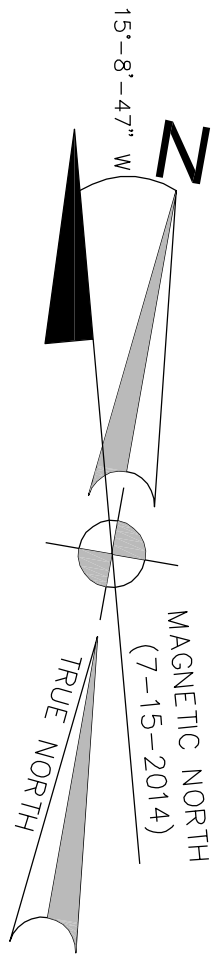
PREPARED BY:  
BROWN ENGINEERING & SURVEYING LLC  
683 FIRST NH TURNPIKE (RTE 4)  
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construction managers



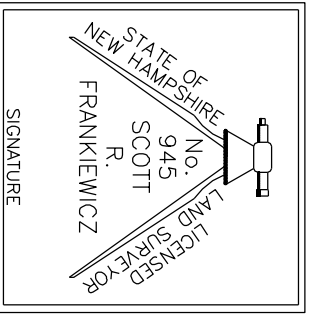
REV	DATE	DESCRIPTION	BY
1	-	-	-
2	8-21-2014	REVISION PER REVIEW	SRR
3	7-23-14	REVISIONS PER REVIEW	SRR





NOTES:

1. PLAN INTENT: TO SUBDIVIDE TAX MAP 224 LOTS 1 INTO 11 FRONTAGE LOTS. SUBDIVISION IS INTENDED TO BE A SINGLE FAMILY SUBDIVISION WITH A PORTION OF THE PROPERTY PLACED IN OPEN SPACE.
2. OWNER OF RECORD:  
W. PAUL CULLEN  
683 FIRST NH TURNPIKE (RTE 4)  
NORTHWOOD, NH 03261  
Tel: (603) 677-7004  
Fax: (603) 677-7014  
www.browneengineeringllc.com
3. TOTAL PARCEL AREA: 47.97 ACRES
4. ZONING DISTRICT: NEIGHBORHOOD RESIDENTIAL - NR
5. THE SUBJECT PARCEL IS LOCATED IN THE FLOOD ZONE "X" (AREAS DETERMINED TO BE OUTSIDE OF 500 YEAR FLOOD ZONE). AS SHOWN ON COMMUNITY PANEL NUMBER 33017002850 DATED: MAY 17, 2005
6. STATE SUBDIVISION APPROVAL #PENDING DATED:
7. VERTICAL DATUM IS BASED ON NAVD88, USGS MEAN SEA LEVEL, DETERMINED ON MAY 16, 2014
8. BEARING SYSTEM BASED ON STATE PLANE COORDINATES.
9. ACCORDING TO TOWN MAPS THERE ARE NO PRIME WETLANDS LOCATED ON THIS PROPERTY.
10. JURISDICTIONAL WETLANDS WERE DELINEATED BY PETER SCHAUER OF SCHAUER ENVIRONMENTAL INC. DURING 5-2014.
11. DRIVEWAY CULVERTS TO A MINIMUM OF 15" DIAMETER AND 30' LONG.
12. A WAIVER HAS BEEN REQUESTED TO ALLOW OVERHEAD UTILITIES.
13. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
14. REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED, STOP CONSTRUCTION ON THE DISTURBED AREA IMMEDIATELY. EROSION CONTROL MEASURES SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION NO EXPENSE TO THE TOWN.
15. SHEETS 3,4,5,6 OF 13 SHALL BE RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS.
16. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF BARRINGTON SUBDIVISION REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
17. FIRE PROTECTION TO BE PROVIDED BY A 10,000 GALLON CISTERN LOCATED IN FRONT OF LOT 6 AND AN EXISTING 20,000 GALLON CISTERN IS LOCATED AT TRANSFER STATION.
18. LOTS #3,5,6,7,8 & 9 REQUIRE NHDES STATE SUBDIVISION APPROVAL. LOTS #1,2,4,10 & 11 DO NOT REQUIRE NHDES APPROVAL (OVER 5 ACRES)
19. ALL PROPOSED HOUSE AND DRIVEWAY LOCATIONS SHALL BE CONSIDERED SCHEMATIC ONLY. DRIVEWAYS, AS SHOWN, ALL HAVE A MINIMUM OF 200' SIGHT DISTANCE IN BOTH DIRECTIONS. DRIVEWAY SLOPE NOT TO EXCEED 10%. ALL DRIVEWAYS TO BE BUILT IN ACCORDANCE WITH ARTICLE 15.3.2 OF THE SUBDIVISION REGULATIONS. FINAL LOCATIONS TO BE APPROVED BY THE ROAD AGENT.
20. PERMITS FOR LOTS 1,4 & 10 TO PROVIDE A TURN OUT (IF NECESSARY) AS DETERMINED BY THE FIRE DEPARTMENT.
21. A SPECIAL EXCEPTION WAS GRANTED ON AUGUST 20, 2014 BY THE BARRINGTON ZONING BOARD TO PROVIDE A SPECIAL EXCEPTION ALLOWING THE ACCESS TO LOT #2 TO BE A DRIVEWAY LOCATED ALONG THE FRONTAGE OF LOT #3.



I CERTIFY THAT THIS PLAT IS BASED UPON THE PLAN REFERENCES AND A FIELD SURVEY CONDUCTED ON THE GROUND IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF NEW HAMPSHIRE AND THE TOWN OF BARRINGTON, NH.

SCOTT R. FRANKIEWICZ, L.L.S.

DATE:

LEGEND

- EDGE OF WETLANDS
- PROPOSED BUILDING SETBACK LINE
- PROPOSED SEPTIC SETBACK LINE
- STONEWALL

PROPOSED CONDITIONS PLAN  
CULLEN WOODS SUBDIVISION  
TAX MAP 224 LOT 1  
SMOKE STREET, BARRINGTON, NEW HAMPSHIRE

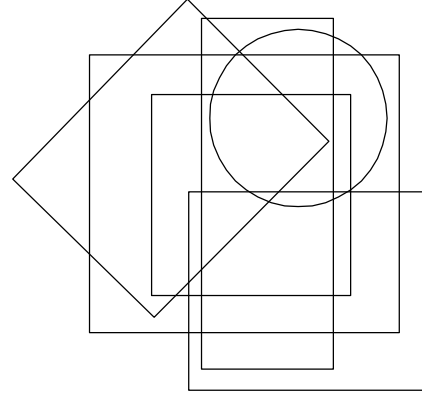
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BROWN ENGINEERING & SURVEYING LLC

civil engineers, surveyors  
construction managers

Graphic Scale  
60' 30' 0'  
SCALE: 1" = 60'  
JULY 16, 2014

REV	DATE	DESCRIPTION	BY
1	7-21-2014	REVISION PER REVIEW	SGR
2	7-23-2014	REVISIONS PER REVIEW	SGR





<div>TEST PIT #1</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-60" GRAVELLY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>60"-72" SANDY GRAVEL GRANULAR/FIRM IN PLACE 2.5YR 6/6</div> <div>ESHWI = 60" ROOTS TO 60" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #2</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-60" GRAVELLY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>60"-72" SANDY GRAVEL GRANULAR/FIRM IN PLACE 2.5YR 6/6</div> <div>ESHWI = 60" ROOTS TO 60" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #3</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-60" SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>60"-75" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5YR 6/8</div> <div>ESHWI = 60" ROOTS TO 60" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #4</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-40" SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>40"-75" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5YR 5/8</div> <div>ESHWI = 40" ROOTS TO 40" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #5</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-30" SANDY GRAVEL GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>30"-72" SILT LOAM GRANULAR/FIRM IN PLACE 2.5Y 5/2 LIGHT OLIVE BROWN</div> <div>ESHWI = 30" ROOTS TO 30" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #6</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-30" GRAVELLY SANDY GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>30"-72" SILT LOAM GRANULAR/FIRM IN PLACE 2.5Y 5/2 LIGHT OLIVE BROWN</div> <div>ESHWI = 30" ROOTS TO 30" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #7</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-30" LOAMY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>30"-72" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/3 LIGHT OLIVE BROWN</div> <div>ESHWI = 30" ROOTS TO 30" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #8</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-50" LOAMY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>50"-70" SANDY GRAVEL GRANULAR/FIRM IN PLACE 2.5Y 5/3 LIGHT OLIVE BROWN</div> <div>ESHWI = 50" ROOTS TO 50" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #9</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-28" GRAVELLY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>28"-60" GRAVEL GRANULAR/FRABLE 2.5Y 5/3 LIGHT OLIVE BROWN</div> <div>ESHWI = 28" ROOTS TO 28" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #10</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-24" SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>24"-72" SANDY GRAVEL GRANULAR/FIRM IN PLACE 2.5Y 5/3 LIGHT OLIVE BROWN</div> <div>ESHWI = 24" ROOTS TO 24" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #11</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-30" LOAMY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>30"-72" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/3 LIGHT OLIVE BROWN</div> <div>ESHWI = 30" ROOTS TO 30" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #12</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-30" SANDY LOAMY GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>30"-63" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 30" ROOTS TO 30" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>
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<div>TEST PIT #13</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-26" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>26"-72" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 26" ROOTS TO 26" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #14</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-25" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>25"-72" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 25" ROOTS TO 25" NO WATER NO LEDGE BOULDERS 6" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #15</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-36" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>36"-65" SILT LOAM GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 36" ROOTS TO 36" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #16</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-25" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>25"-60" SILT LOAM GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 25" ROOTS TO 40" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #17</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-36" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>36"-63" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 36" ROOTS TO 36" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #18</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-29" FINE LOAMY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>29"-70" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 29" ROOTS TO 29" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #19</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-28" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>28"-60" LOAMY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 28" ROOTS TO 28" NO WATER NO LEDGE BOULDERS 6" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #20</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-40" GRAVELLY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>40"-60" LOAMY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 40" ROOTS TO 40" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 8 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #21</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-30" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>30"-60" GRAVELLY SAND GRANULAR/FIRM IN PLACE 2.5Y 5/6</div> <div>ESHWI = 30" ROOTS TO 30" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 6 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #22</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-50" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>50"-75" SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 50" ROOTS TO 50" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 4 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #23</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-18" GRAVELLY SAND GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>18"-60" SANDY LOAM GRANULAR/FIRM IN PLACE 2.5YR 5/6</div> <div>ESHWI = 18" ROOTS TO 18" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 8 MIN./INCH DATE:5-2-14</div>	<div>TEST PIT #24</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-24" FINE SANDY LOAM GRANULAR/FRABLE SAND 6" STRONG BROWN</div> <div>24"-60" SAND GRANULAR/FIRM IN PLACE 2.5Y 5/8</div> <div>ESHWI = 24" ROOTS TO 24" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 8 MIN./INCH DATE:5-2-14</div>
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<div>TEST PIT #25</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-18" SAND GRANULAR/FRABLE 7.5YR 5/6</div> <div>18"-48" SANDY GRANULAR/FIRM IN PLACE 7.5YR 5/6</div> <div>ESHWI = 18" ROOTS TO 18" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 8 MIN./INCH DATE:7-10-14</div>	<div>TEST PIT #26</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-48" SAND GRANULAR/FRABLE 7.5YR 5/6</div> <div>48"-60" SAND GRANULAR/FIRM IN PLACE 7.5YR 5/8</div> <div>ESHWI = 48" ROOTS TO 12" NO WATER NO LEDGE BOULDERS 10" PERC RATE = 8 MIN./INCH DATE:7-10-14</div>	<div>TEST PIT #27</div> <div>0-6" TOPSOIL 10YR 3/3 DARK BROWN</div> <div>6"-22" LOAMY SAND GRANULAR/FRABLE 7.5YR 5/8</div> <div>22"-60" SILTY LOAM GRANULAR/FIRM IN PLACE 2.5Y 6/3 LIGHT OLIVE BROWN</div> <div>ESHWI = 22" ROOTS TO 22" NO WATER NO LEDGE BOULDERS THROUGHOUT PERC RATE = 8 MIN./INCH DATE:7-10-14</div>									
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## TEST PIT LOGS

## CULLEN WOODS SUBDIVISION TAX MAP 224 LOT 1

SMOKE STREET, BARRINGTON, NEW HAMPSHIRE

PREPARED FOR:

TUCK REALTY CORP.

OWNER OF RECORD:  
W. PAUL CULLEN  
P.O. BOX 2044  
SOUTH PADRE ISLAND, TX 78597  
BROOK JY81 PAGE 495

PREPARED BY:

BROWN ENGINEERING & SURVEYING LLC

civil engineers, surveyors  
construction managers

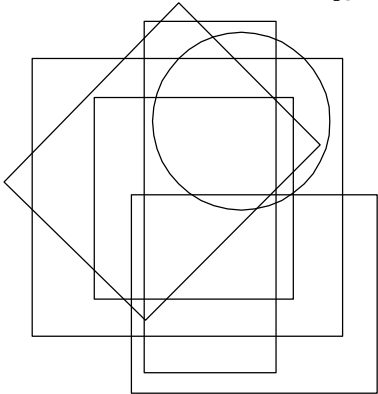
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JULY 16, 2014

SCALE: AS NOTED

REV	DATE	DESCRIPTION	BY
2	8-21-2014	REVISION PER REVIEW	SJR
1	7-24-2014	REVISIONS PER REVIEW	SJR

JOB NO.: 4.714-05  
SHEET 12 OF 14



GENERAL NOTES:

- PROJECT ENGINEER: BROWN ENGINEERING AND SURVEYING, LLC., 6830 FIRST NH TURNPIKE, NORTHWOOD, NH 03261  
PROJECT SURVEYOR: BROWN ENGINEERING AND SURVEYING, LLC., 6830 FIRST NH TURNPIKE, NORTHWOOD, NH 03261  
PROJECT MET/LAND SCIENTIST: SCHAUER ENVIRONMENTAL, INC. PETER SCHAUER
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN OF BARRINGTON REGULATIONS AND THE LATEST EDITION OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
- IF, DURING CONSTRUCTION IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR, DEVELOPER or OWNER ARE RESPONSIBLE TO DOCUMENT THE APPARENT DEFICIENCIES AND NOTIFY THE DESIGN ENGINEER PRIOR TO CONTINUING CONSTRUCTION ACTIVITIES. THE DESIGN ENGINEER, IN COOPERATION WITH THE CONTRACTOR, DEVELOPER or OWNER WILL RESOLVE THE APPARENT DEFICIENCIES TO MEET APPLICABLE TOWN OF BARRINGTON REGULATIONS.
- IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED, THE CONTRACTOR, DEVELOPER or OWNER SHALL BE REQUIRED TO INSTALL ADDITIONAL EROSION PROTECTION MEASURES.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO VERIFY THE LOCATION OF ALL UTILITIES OVERHEAD or UNDERGROUND, WITHIN THE CONSTRUCTION AREA. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR. (DIG SAFE NUMBER PROVIDED ON SHEET 1)
- THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AT ALL TIMES.
- NO EXCAVATED AREA SHALL BE LEFT UNATTENDED AND SHALL BE THOROUGHLY SECURED ON A DAILY BASIS.
- PLEASE REFER TO THE OTHER PLAN SHEETS IN THIS SET FOR ADDITIONAL CONSTRUCTION DETAILS AND NOTES.

CONSTRUCTION SEQUENCE:

- CUT AND CLEAR TREES WITHIN LIMIT OF WORK (PROPOSED TREELINE), UNLESS OTHERWISE NOTED. ALL STUMPS, BRANCHES, TOPS AND BRUSH TO BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN AND DETAILED IN THIS PLAN SET.
- CONSTRUCT TEMPORARY (silt fence) AND PERMANENT EROSION CONTROL FACILITIES (detention basins, treatment swales, grass swales and exfiltration basins) PRIOR TO ANY EARTH MOVING OPERATION.
- ALL SWALES AND DITCH LINES SHALL BE PROTECTED FROM EROSION. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTIONAL FLOW INTO THEM.
- ALL STORM DRAINAGE SYSTEMS SUCH AS DETENTION/RETENTION BASINS, TREATMENT SWALES AND EXFIL. SPREADERS SHALL BE PROTECTED FROM EROSION. ALL STORM DRAINAGE SYSTEMS SHALL BE STABILIZED PRIOR TO DIRECTIONAL FLOW INTO THEM.
- NO CATCH BASIN FRAME AND GRATE SHALL BE INSTALLED PRIOR TO PAVING. ALL DRAINAGE STRUCTURES ARE TO BE "PLATED" AND CUT OUT FOLLOWING PAVING OPERATIONS, ONLY IF ALL DOWNSTREAM DRAINAGE ELEMENTS ARE STABLE. INCLUDING, BUT NOT LIMITED TO OUTLET PROTECTION, ALL SLOPE GRADING, VEGETATED or RIPRAP SWALES, DETENTION BASIN AND TREATMENT SWALES.
- IF FRAME AND GRATES ARE INSTALLED, SPECIFIC SOIL EROSION MEASURES MUST BE INSTALLED SUCH AS GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER or BLOCK AND GRAVEL DROP INLET SEDIMENT FILTER AS INDICATED ON DETAILS IN THIS PLAN SET.
- CONSTRUCT TEMPORARY CULVERTS, DIVERSION DITCHES/SWALES or BERMS AS REQUIRED TO MINIMIZE THE EROSION EFFECTS OF STORMWATER RUNOFF DURING ALL CONSTRUCTION ACTIVITIES.
- COMPLETE GRUBBING OPERATIONS. ALL STUMPS AND DEBRIS SHALL BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
- ALL MATERIAL SUITABLE FOR USE AS TOPSOIL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SEEDED WITH WINTER RYE AND IF NECESSARY, SURROUNDED WITH SILT FENCE AND/OR HAY BALES, IN ORDER TO PREVENT or CONTAIN SOIL EROSION.
- ALL MATERIAL SUITABLE FOR FILL or SELECT MATERIAL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SURROUNDED WITH SILT FENCE AND/OR HAY BALES, IN ORDER TO CONTAIN SOIL EROSION.
- REMOVE ALL IMPROPER ROADWAY/SITE FOUNDATION MATERIAL WITHIN 18" OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL ACCEPTABLE TO THE STATE/TOWN SPECIFICATIONS. ALL SUITABLE FILL MATERIAL SHALL BE COMPACTED TO AT LEAST 95% OF THE DRY WEIGHT AS DETERMINED BY MODIFIED PROCTOR TESTING (ASTM D-1556) REQUIREMENTS.
- CONSTRUCT ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO SEWER, WATER, DRAIN, GAS, DATA, CABLE AND POWER.
- ROUGH GRADE ROADWAY/SITE WITHIN LIMIT OF WORK AND COMMENCE CONSTRUCTION OF ROADWAYS.
- COMPLETE ROADWAY SLOPE GRADING/EMBANKMENT CONSTRUCTION. ALL SLOPES SHALL BE STABILIZED AND SEEDS IMMEDIATELY AFTER GRADING. THE CONTRACTOR SHALL STABILIZE SLOPES WITH APPROPRIATE SEEDING PROGRAM OR WINTER MAW, WHEREVER SPECIFIED.
- APPLY TOPSOIL TO ROADWAY SLOPES AND OTHER AREAS DISTURBED BY CONSTRUCTION. TOPSOIL USED MAY BE NATIVE ORGANIC MATERIAL, PROVIDED IT MEETS ALL REQUIREMENTS OF THE STATE/TOWN SPECIFICATIONS. TOPSOIL SHALL BE APPLIED TO A MINIMUM OF 4 INCH COMPACTED THICKNESS. AFTER COMPLETION OF TOPSOIL APPLICATION, SLOPES SHALL BE MULCHED. THE CONTRACTOR SHALL INSPECT COMPLETED SECTIONS OF WORK ON A REGULAR BASIS AND REMEDY ANY PROBLEM AREAS UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
- PERFORM FINAL PAVING OPERATIONS, INSTALL GUARDRAIL (IF APPLICABLE) AND MONUMENTATION AS SHOWN ON THE APPROVED PLANS.
- MAINTAIN, REPAIR, AND REPLACE TEMPORARY EROSION CONTROL MEASURES AS NECESSARY FOR A MINIMUM PERIOD OF 12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION.
- AFTER STABILIZATION (12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION), REMOVE AND PROPERLY DISPOSE OF TEMPORARY EROSION CONTROL MEASURES, PREFERABLY OFF SITE.
- FOLLOWING SUBSTANTIAL COMPLETION OF ALL ROADWAY ACTIVITIES AND ONCE STABLE CONDITIONS ARE ACHIEVED, CAREFULLY AND REGULARLY INSPECT ALL EROSION CONTROL MEASURES AND OVERSEE ANY REPAIRS AND OVERSEEDING REQUIRED TO BE PERFORMED IN SUCH A MANNER AS NOT TO ENDANGER THE INTEGRITY OF ROADWAY EMBANKMENTS, STORMWATER SYSTEMS AND UTILITIES.
- GRAVEL BASE COURSE HAS BEEN PLACED AND COMPACTED (IN AREAS TO BE PAVED)
- A. EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION AND UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
- C. RIPRAP or NON-EROSIVE MATERIAL HAS BEEN PROPERLY INSTALLED TO GRADATION & DEPTH SPECIFIED.
- D. EROSION CONTROL BLANKETS (JUTE MATE OR EQUAL) HAVE BEEN PROPERLY INSTALLED

WINTER CONSTRUCTION NOTES

- ALL PROPOSED VEGETATIVE AREAS NOT STABLE or DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING, MULCHING OR INSTALLING EROSION CONTROL BLANKETS. NO EROSION CONTROL MEASURES SHALL BE PLACED OVER SNOW or FROZEN GROUND.
- WHEN WINTER CONSTRUCTION ACTIVITIES DISTURB SNOW or FROZEN GROUND, THE CONTRACTOR WILL MAKE EVERY EFFORT TO MINIMIZE THE SIZE, DURATION AND FREQUENCY OF LAND DISTURBANCE. ALL DISTURBED AREAS ARE TO BE STABILIZED PRIOR TO SPRING THAW.
- ALL ROAD OR PARKING SURFACES AFTER NOVEMBER 15, WHICH HAS NOT BE PAVED, IF WORK HAS STOPPED, SHALL BE STABILIZED WITH CRUSHED AGGREGATE HAVING UNIFORM GRADATION AND A MINIMUM DEPTH OF 3".

EROSION CONTROL NOTES

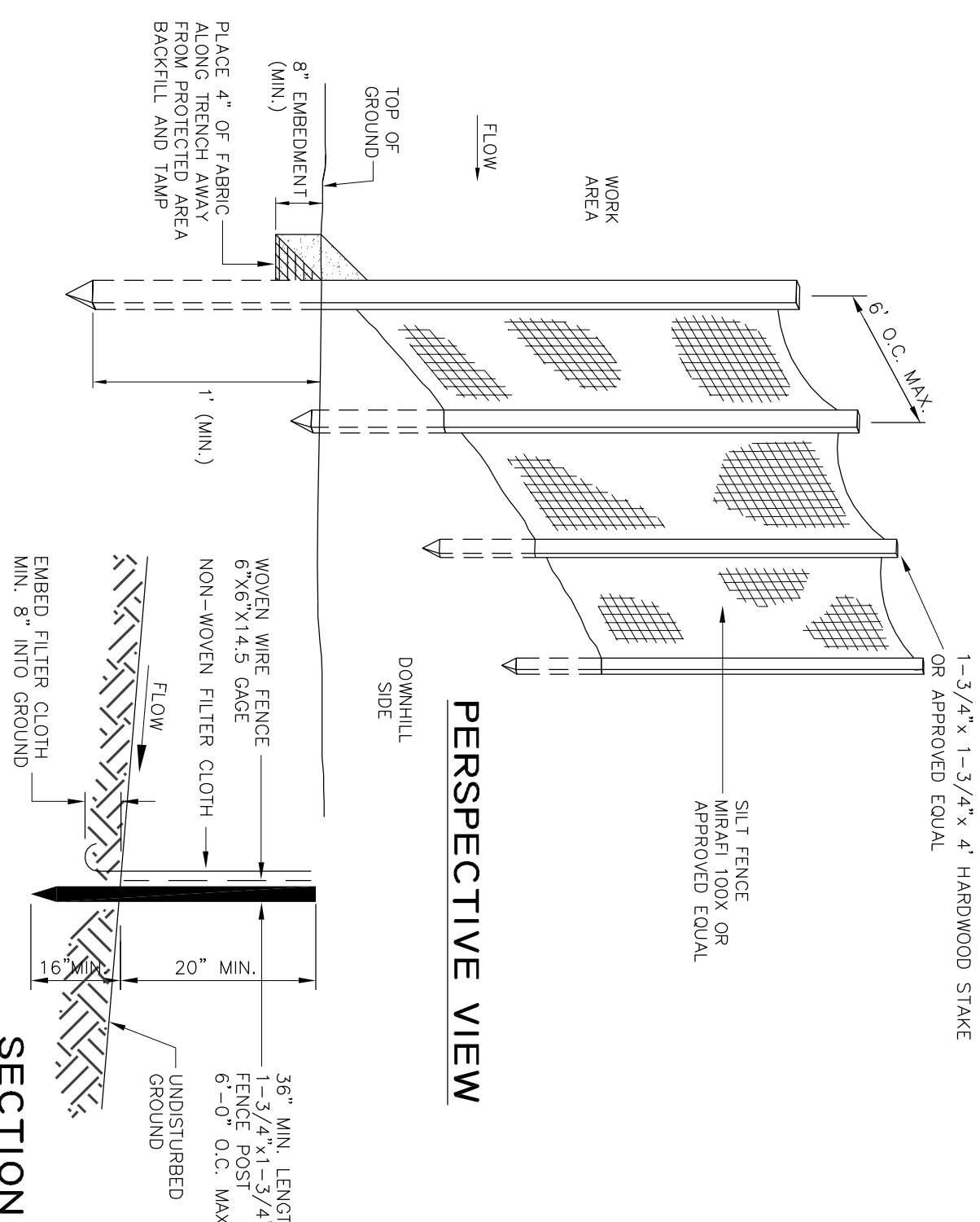
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (EPA, NHDES AND TOWN OF BARRINGTON). THE GENERAL NOTES AND DETAILS CONTAINED IN THIS PLAN SET SHALL SERVE AS A GUIDE ONLY.
- INSTALLATION OF SILTATION FENCES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION. PREFABRICATED SILTATION FENCES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
  - SILTATION FENCES SHALL BE KEPT CLEAN DURING CONSTRUCTION AND REMOVED WHEN ALL SLOPES HAVE A HEALTHY STAND OF VEGETATIVE COVER.
  - ALL EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EVERY RAINFALL.
  - EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.
  - THE AREA OF LAND EXPOSED AND THE TIME OF EXPOSURE SHALL BE MINIMIZED. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 720 HOURS AFTER FINAL GRADING.
  - ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" OF LOAM INSTALLED WITH NOT LESS THAN 1.1 POUNDS OF SEED MAX PER 1,000 SQ. FT. (SEE SEEDING SPECIFICATIONS ON THIS SHEET)
  - LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS. PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.
  - HAY MULCH OR JUTE MATTING SHALL BE USED IF WHERE INDICATED ON THE PLANS. A MINIMUM OF 1.5 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
  - PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDING AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDING AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS (OCTOBER 15 TO MAY 1).
  - AND USING CHEMICAL DUST CONTROL, WHENEVER POSSIBLE. CLEAN WATER SHALL BE USED FOR DUST CONTROL, WHENEVER POSSIBLE IN APPROPRIATE AREAS.

MAINTENANCE:

- SILT FENCES ARE TO BE INSPECTED IMMEDIATELY AFTER EVERY RAINFALL AND DAILY DURING PROLONGED RAINFALL EVENTS. THE CONTRACTOR IS RESPONSIBLE TO REPAIR, REPLACE ANY AND ALL COMPROMISED SILT FENCE. ALL INSPECTIONS/MAINTENANCE EFFORTS SHALL BE RECORDED IN A DAILY LOG AS SPECIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE INEFFECTIVE AREA SHALL BE IMMEDIATELY REMOVED AND REPLACED.
- ALL SILT DEPOSITS SHOULD BE REMOVED AND PROPERLY DISPOSED, WHEN THE HEIGHT OF SILT IS EQUAL TO TO GREATER THAN ONE THIRD OF OVERALL BARRIER HEIGHT OR 12 INCHES, WHICHEVER COMES FIRST.
- ALL REMOVED SEGMENT DEPOSITS OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED OUT IN CONFORMANCE WITH THE APPROVED PLANS, MULCHED AND RE-VEGETATED.

SILT FENCE

NOT TO SCALE



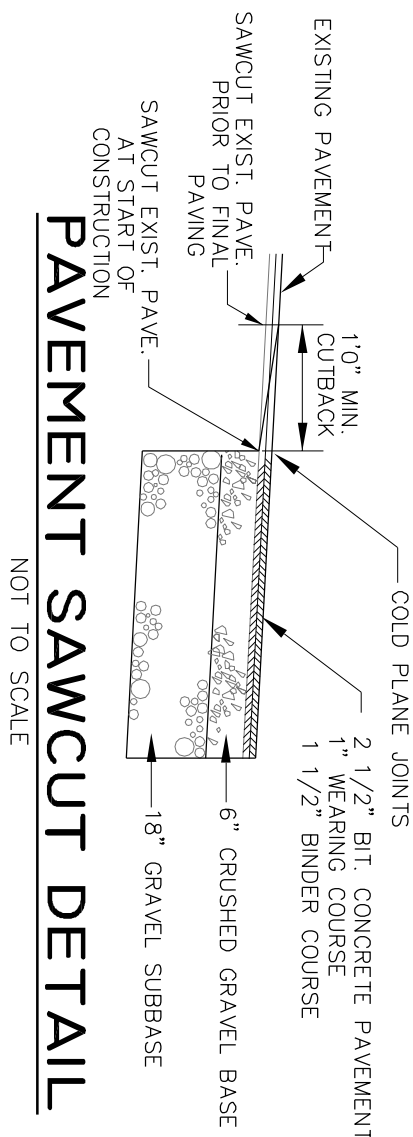
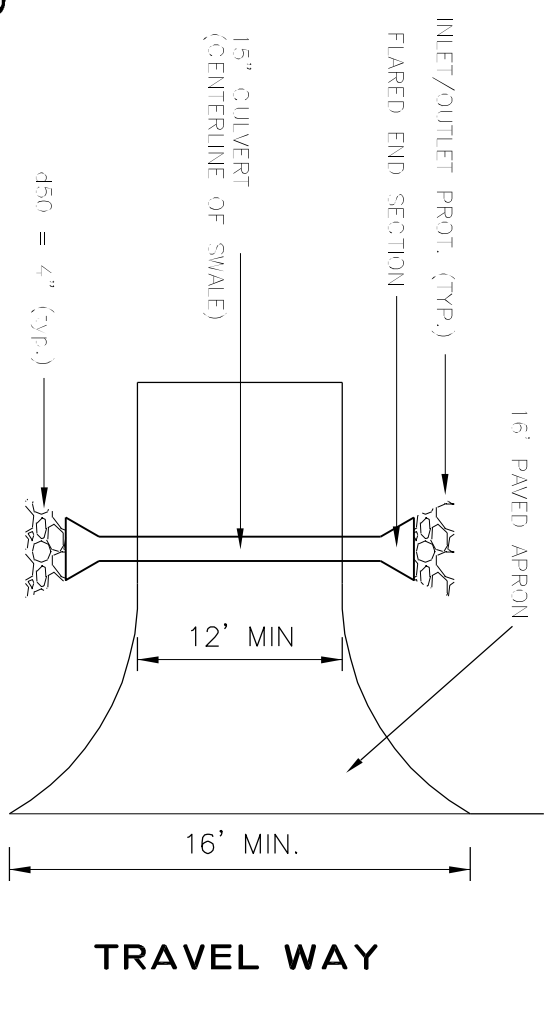
STONE SIZE	% FINER BY WEIGHT	D <sub>50</sub> = 4"
1"	0-15%	
2"	15-30%	
3"	30-50%	
4"	50-90%	
6"	100%	

GENERAL NOTES:

- ALL CULVERTS TO BE CONSTRUCTED WITH A MINIMUM OF 2.0 FT. COVER.
- FLARED END SECTION TO FIT OVER END OF CULVERT.
- CULVERT TO EXTEND 3.0 FT. MIN. ON EITHER SIDE OF DRIVEWAY, MEASURED FROM THE EDGE OF PAVEMENT TO END OF CULVERT.
- CENTERLINE OF CULVERT TO BE ALIGNED WITH CENTERLINE OF SWALE.
- FINAL DRIVEWAY LOCATION, CULVERT SIZE AND LOCATION WILL BE FIELD DETERMINED.
- MINIMUM CULVERT SIZE IS 15" DIAMETER.

DRIVEWAY CULVERT DETAIL

NOT TO SCALE



PAVEMENT SAWCUT DETAIL

NOT TO SCALE

GENERAL DETAILS

CULLEN WOODS SUBDIVISION  
TAX MAP 224 LOT 1

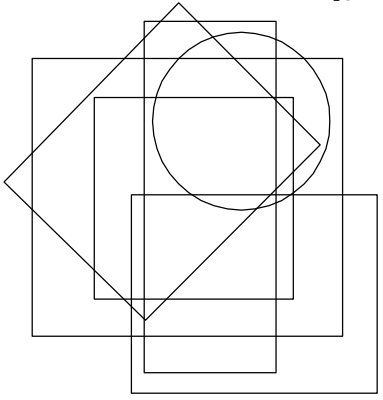
SMOKE STREET, BARRINGTON, NEW HAMPSHIRE  
PREPARED FOR: TUCK REALTY CORP.  
OWNER OF RECORD: W. PAUL CULLEN  
P.O. BOX 2044  
SOUTH PADRE ISLAND, TX 78597  
BROOK JY81 PAGE 495

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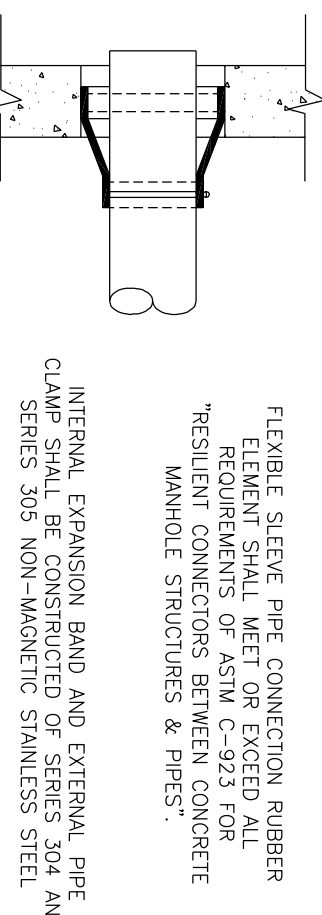
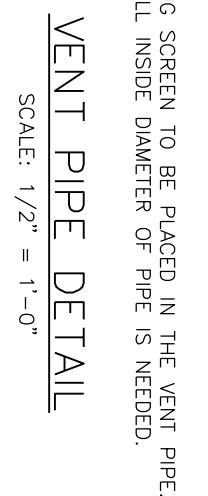
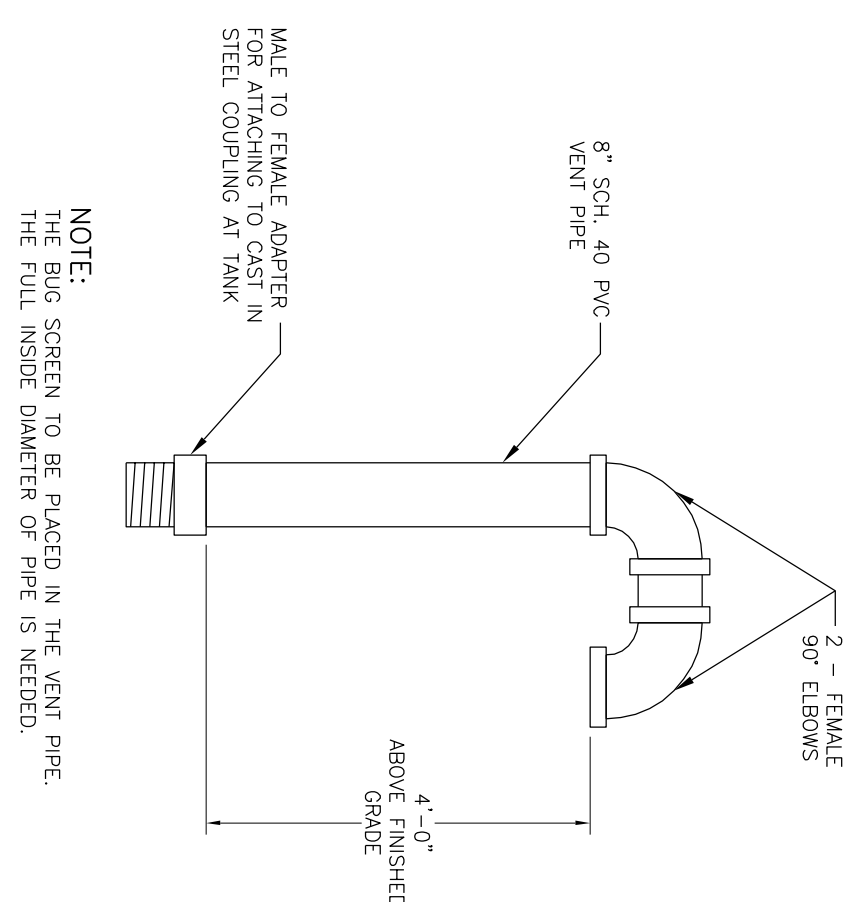
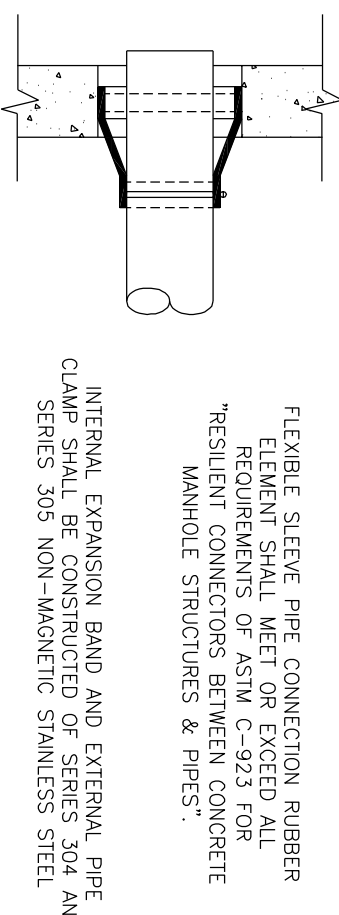
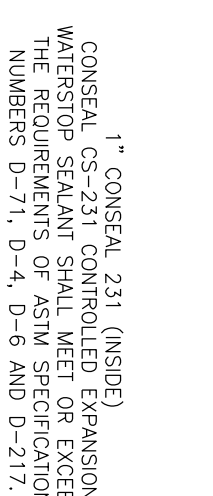
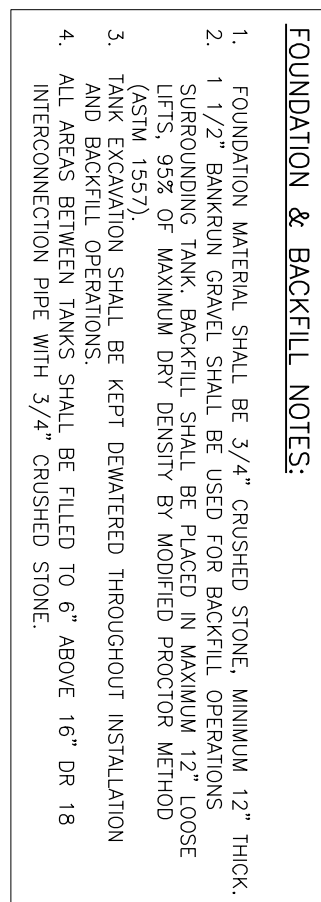
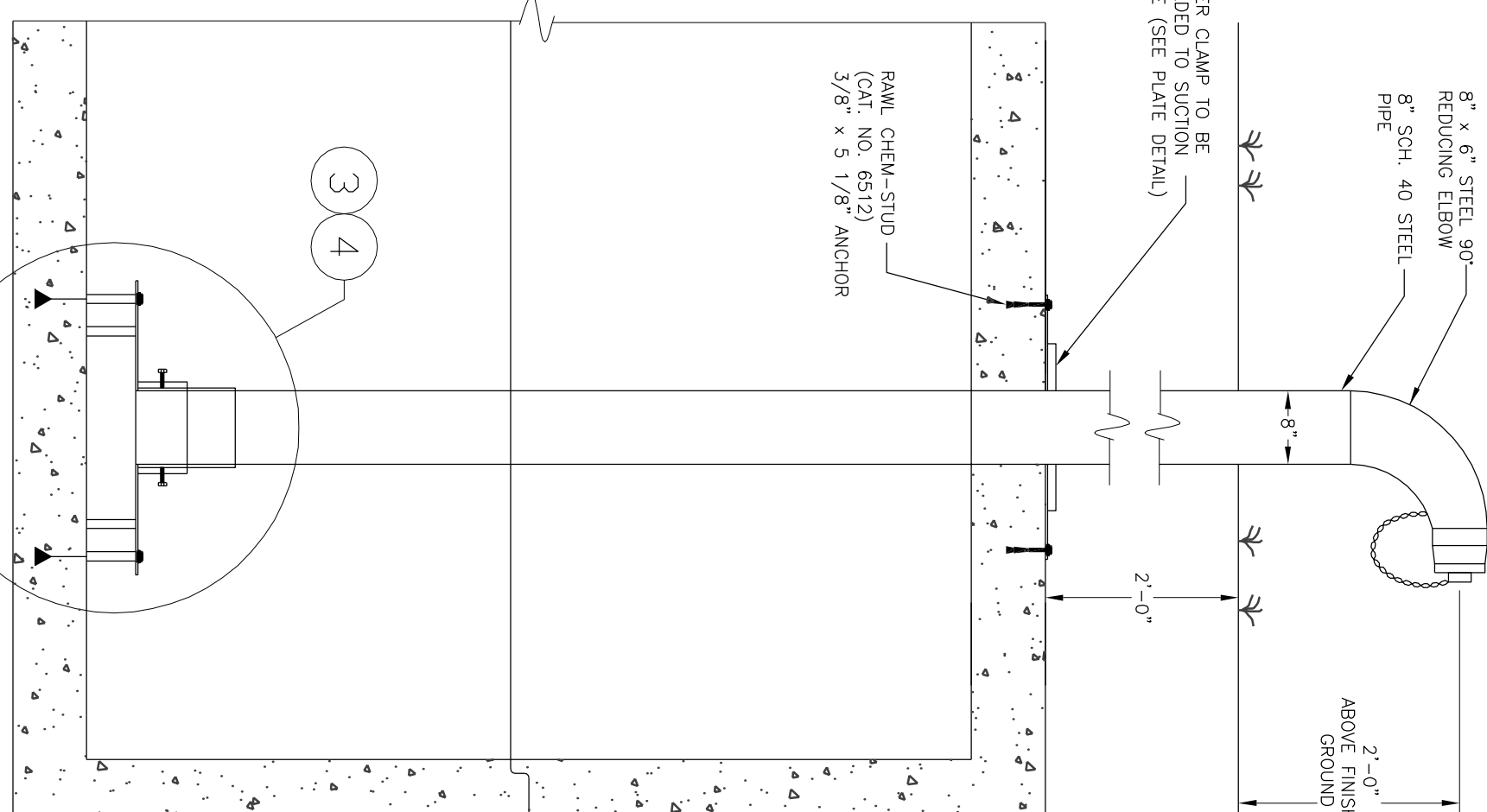
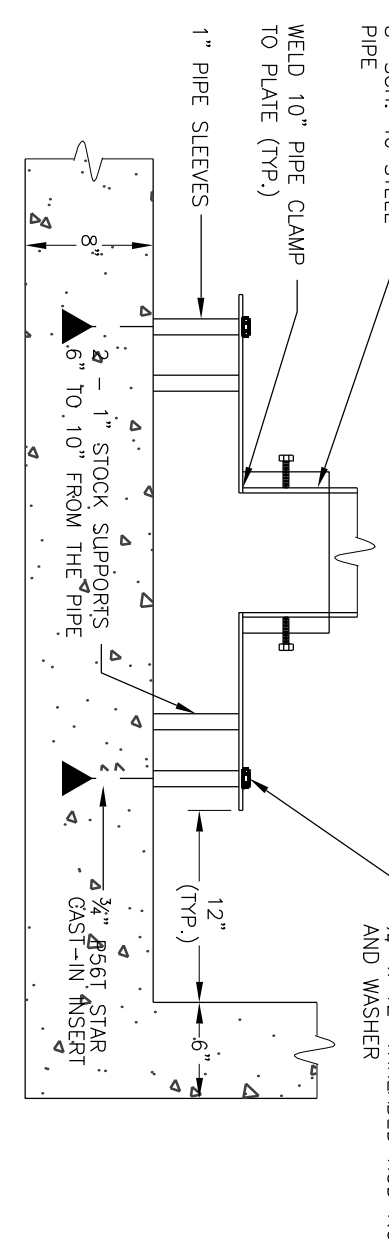
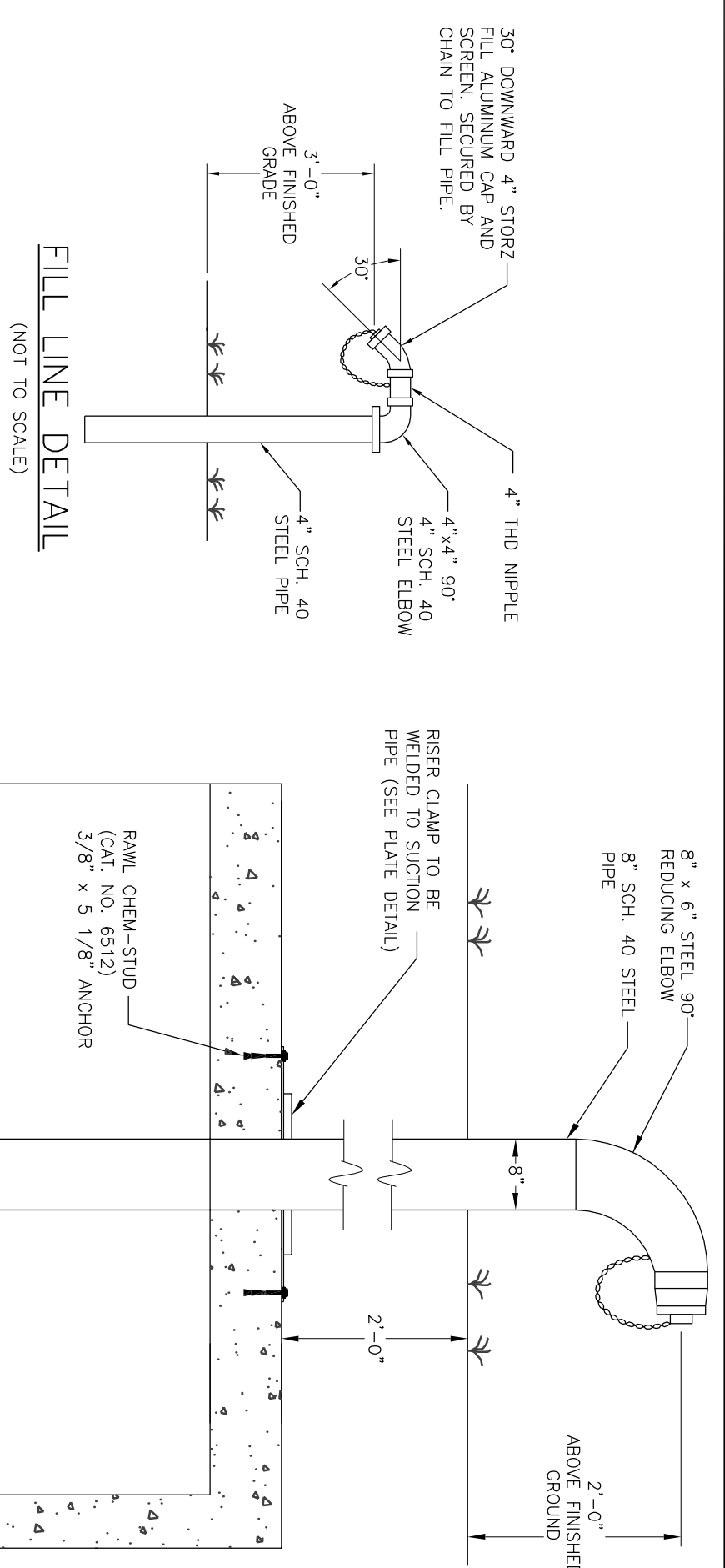
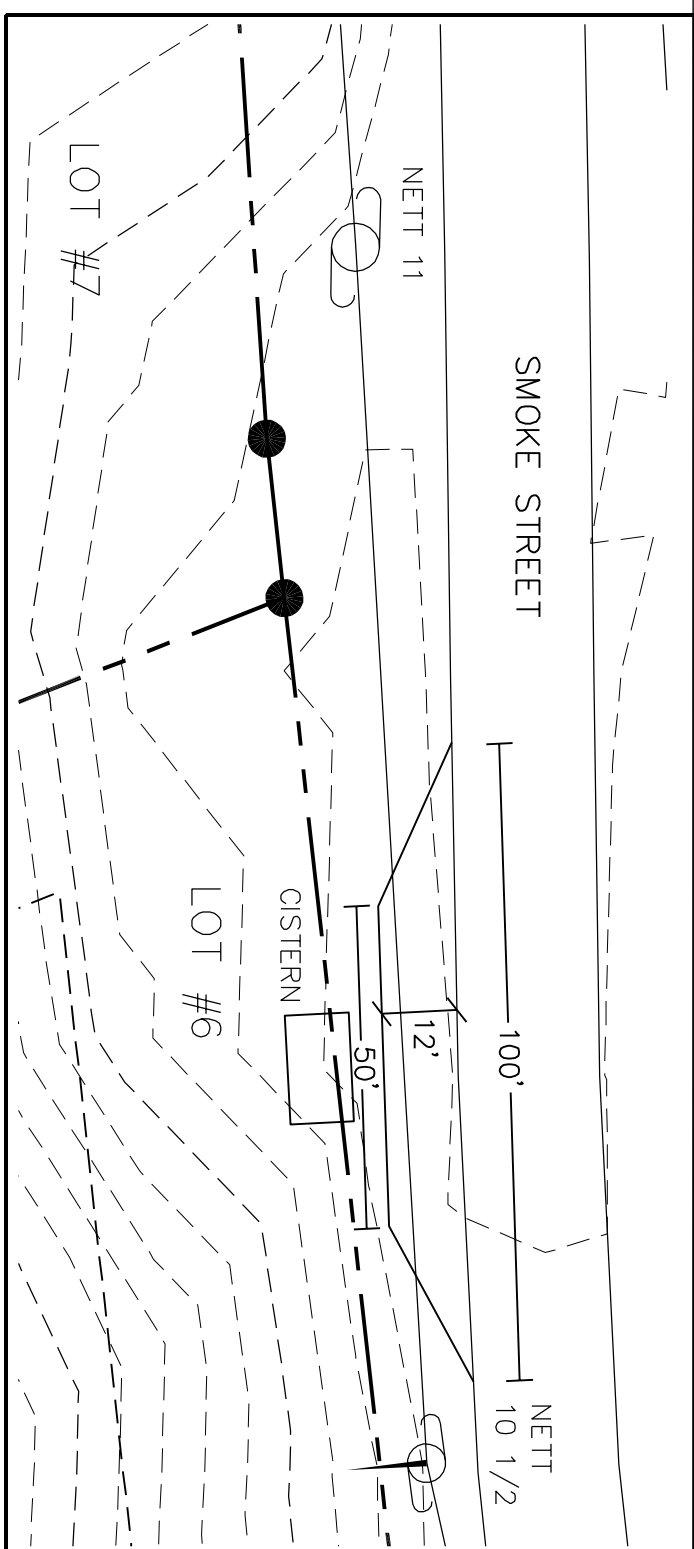
civil engineers, surveyors  
construction managers

JUL Y 16, 2014

SCALE: AS NOTED			
2	8-21-2014	REVISION PER REVIEW	SJR
1	7-23-2014	REVISIONS PER REVIEW	SJR
REV	DATE	DESCRIPTION	BY







- CONSEAL JOINT SEALANTS  
NOT TO SCALE

## FLEXIBLE SLEEVE PIPE CONNECTIONS

REV.	DATE	REVISION PER REVIEW DESCRIPTION	SRF BY
2	8-21-2014		

JOB NO: 4714-03  
SHEET 14 OF 14

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**civil engineers, surveyors  
construction managers**

**BROWN ENGINEERING & SURVEYING LLC**

SMOKE STREET, BARRINGTON, NEW HAMPSHIRE  
OWNER OF RECORD:  
TUCK REALTY CORP.  
34 REIDER DRIVE  
SRAITHAM, NH 03085  
W. PAUL CULLEN  
P.O. BOX 2044  
SOUTH PALME ISLAND, TX 78597  
BOOK 3781 PAGE 495

CULLEN WOODS SUBDIVISION  
TAX MAP 224 LOT 1

PREPARED FOR:

TUCK REALTY CORP.  
24 BAYVIEW COURT

34 RAEDER DRIVE  
STRATHAM, NH 03885

2154171, 1977 00000

DOWN L

## BROWN ENGINEERING

803 HIRSI NH DRINKPIKE (RIE 4)  
NORTHWOOD, NH 03261

Tel: (603) 677-7004

Tel: (603) 677-7014

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SCALE: AS NOTED

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REV.	DATE	DES
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**MICHIE CORPORATION, INC.**  
11 BUXTON INDUSTRIAL DRIVE-PO  
HENNINGER, NH 03242  
PHONE: 603-428-3218  
FAX: 603-428-7426

DETAIL PROVIDED BY:

## CISTERN DETAILS

**SUCTION ASSEMBLY DETAIL**

SCALE: 1/2" = 1'-0"

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**NOTE:**  
8" VERTICAL SUCTION PIPE TERMINATING WITH AN 8" x 6" 90° THREADED REDUCING ELBOW AND A 6" NST OR 4 1/2" NST NOZZLE AND CAP. THE SUCTION PIPE CONNECTION SHOULD BE 20" - 24" ABOVE THE LEVEL OF THE ROAD OR SHOULDER WHERE THE VEHICLE WHEELS WILL BE LOCATED WHEN CISTERN IS IN USE.

## PLANNING BOARD APPROVAL BLOCK

JULY 23, 2014